

# ***DRAFT Environmental Assessment Report***

Verizon Wireless (VZW)  
VZW HON Lunalilo/Pearl City District Park Cell Site  
(VZW Project ID #2005090690)  
785 Hoomaemae Street  
Pearl City, Oahu, Hawaii 96782

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Project No. 17006-006428.00

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For the benefit of business and people

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## List of Acronyms

|       |  |
|-------|--|
| AGL   | Above Ground Level                               |
| AMSL  | Above Mean Sea Level                             |
| APE   | Area of Potential Effects                        |
| BGS   | Below Ground Surface                             |
| BWS   | Board of Water Supply                            |
| CDUA  | Conservation District Use Application            |
| DA    | Department of the Army                           |
| dBA   | Decibels   |
| DLNR  | Department of Land and Natural Resources         |
| DOFAW | Department of Forestry and Wildlife              |
| DOH   | Department of Health                             |
| DPP   | Department of Planning and Permitting            |
| EA    | Environmental Assessment                         |
| FCC   | Federal Communications Commission                |
| FEMA  | Federal Emergency Management Agency              |
| FIRM  | Flood Insurance Rate Map                         |
| FONSI | Finding of No Significant Impact                 |
| HECO  | Hawaiian Electric Company                        |
| HEER  | Hazard Evaluation and Emergency Response         |
| HHF   | Historic Hawaii Foundation                       |
| HIAR  | Hawaii Administrative Rules                      |
| NMV   | National Map Viewer                              |
| NEPA  | National Environmental Policy Act                |
| NPA   | National Programmatic Agreement                  |
| OCEA  | Office of Conservation and Environmental Affairs |
| OHA   | Office of Hawaiian Affairs                       |
| SHPD  | State Historic Preservation Division             |
| SHPO  | State Historic Preservation Officer              |
| TMK   | Tax Map Key                                      |
| UIC   | Underground Injection Control                    |
| US    | United States                                    |
| USA   | United States of America                         |
| USACE | United State Army Corps of Engineers             |
| USAF  | United States Air Force                          |
| USFWS | United States Fish and Wildlife Service          |
| USGS  | United States Geological Survey                  |
| UST   | Underground Storage Tank                         |
| VZW   | Verizon Wireless                                 |





## Executive Summary

Patricia McHenry, Esq. of Cades Schutte, LLP retained Bureau Veritas North America, Inc. (Bureau Veritas) to conduct an Environmental Assessment (EA) in accordance with the State of Hawaii, Department of Land and Natural Resources (DLNR), Office of Conservation and Environmental Affairs Conservation District Use Application (CDUA) requirements for the proposed Verizon Wireless (VZW) HON Lunalilo/Pearl City District Park Cell Site (VZW Project ID #2005090690), located at 785 Hoomaemae Street (Portion of Tax Map Key [TMK] [1] 9-7-36: Parcel 123), Pearl City, Oahu, Hawaii 96782 (*the subject parcel*).

For purposes of this assessment, the term “subject property” is specifically defined as the lease land area that encompasses the “proposed action,” as defined in Section 3.0 of this report. The “subject parcel” is defined as the entire parcel of land, as identified by a county tax assessor, on which the subject property lies. This assessment was requested in association with leasing an area within the subject parcel where the proposed action will affect the subject property.

The subject parcel, currently owned by the City and County of Honolulu, is improved with the Pearl City District Park, which includes a gymnasium, a recreation building, two swimming pools, two basketball courts, four tennis courts, two baseball diamonds and a parking lot.

The subject property (proposed VZW HON Lunalilo Cell Site) comprises an approximately 830 square foot lease area consisting of an approximately 12- by 26-foot (312 square foot) patch of unvegetated land (proposed Telecom Building) and an existing 50-foot high light standard (proposed antenna site), located approximately 150 feet northeast of the lease area. The lease area is located in the southwest corner of the subject parcel (Approximate Lat/Long: 21° 24' 10.4" North, 157° 57' 8.21" West). Currently, this area is vacant.

The subject parcel is further described by the City and County of Honolulu Real Property Tax Assessment Office as Tax Map Key (TMK) number: (1) 9-7-36: Parcel 123 (TMK 9736-123). According to the City and County of Honolulu, Department of Planning and Permitting, the subject parcel/property is located within an area designated as “P-1, *Restricted Preservation*,” and the State Land Use designation is “*Urban*.”

According to VZW, the proposed action involves replacing the existing light standard with a stealth light standard monopole and installing canister antennas on the monopole. The maximum finished height of the light standard and antenna tips will be approximately 71 feet above ground level (AGL). Additionally, a 12- by 26-foot prefabricated equipment shelter will be installed on park grounds, approximately 150 feet southwest of the light standard, to house the associated telecommunications equipment. The building will be surrounded by a six-foot high chain-link fence enclosure.

The agencies contacted by Bureau Veritas to complete this EA are listed as follows:

- DLNR-Division of Forestry and Wildlife (DOFAW), Oahu Branch Office
- United States (US) Department of the Interior-US Fish and Wildlife Service (USFWS)
- DLNR-State Historic Preservation Division (SHPD)
- Office of Hawaiian Affairs (OHA)
- Historic Hawaii Foundation (HHF)



- Native Hawaiian Group “Hui Malama”
- US Army Corps of Engineers (USACE), Honolulu District Office

Additionally, maps from the following agencies were reviewed:

- Federal Emergency Management Agency (FEMA)
- Department of Interior, National Wetlands Inventory Maps
- US Geological Survey (USGS)

None of the inquiries made or documents reviewed during this EA indicated direct evidence of significant negative environmental conditions with respect to the proposed action at the subject property.

Therefore, it is anticipated that the DLNR Office of Conservation and Environmental Affairs will make a Finding of No Significant Impact (FONSI) determination for the proposed VZW HON Lunalilo/Pearl City District Park Cell Site, located at 785 Hoomaemae Street, Pearl City, Oahu, Hawaii.



## **1.0 INTRODUCTION**

Patricia McHenry, Esq. of Cades Schutte, LLP retained Bureau Veritas North America, Inc. (Bureau Veritas) to conduct an Environmental Assessment (EA) in accordance with the State of Hawaii, Department of Land and Natural Resources (DLNR)-Office of Conservation and Environmental Affairs (OCEA's) Conservation District Use Application (CDUA) requirements for the proposed Verizon Wireless (VZW) HON Lunalilo/Pearl City District Park Cell Site (VZW Project ID #2005090690), located at the, 785 Hoomaemae Street (Portion of Tax Map Key [TMK] [1] 9-7-36: Parcel 123), Pearl City, Oahu, Hawaii (the subject parcel).

This EA was conducted to comply with Chapter 343, HRS, as amended, and Hawaii Administrative Rules Title 11, State of Hawaii Department of Health, Chapter 200, Environmental Impact Rules. It is expected that the outcome of this EA will be a Finding of No Significant Impact (FONSI) for the VZW HON Lunalilo/Pearl City District Park Cell Site.

For the purposes of this assessment, the term "subject property" is specifically defined as the lease land area that encompasses the "proposed action", as defined in Section 3.0 of this report. The "subject parcel" is defined as the parcel of land, as identified by a county tax assessor, on which the subject property lies. This Environmental Assessment was requested in association with leasing an area within the subject parcel where the proposed action will affect the subject property.

## **2.0 SUBJECT PROPERTY/PARCEL DESCRIPTION**

### **2.1 SUBJECT PARCEL/PROPERTY LOCATION**

The subject parcel encompasses an irregular-shaped, 9.947-acre parcel of land improved with the Pearl City District Park, located at 785 Hoomaemae Street in Pearl City, Oahu, Hawaii, in a residential setting (Figures 1 and 2, *Figures* tab). The subject parcel/property lies in the Pearl Harbor Plain physiographic region on the south-central portion of the Island of Oahu, Hawaii.

The subject property (proposed VZW HON Lunalilo Cell Site) comprises an approximately 830 square foot lease area consisting of an approximately 12- by 26-foot (312 square foot) patch of unvegetated land (proposed Telecom Building) and an existing 50-foot high light standard (proposed antenna site), located approximately 150 feet northeast of the lease area. The lease area is located in the southwest corner of the subject parcel (Approximate Lat/Long: 21° 24' 10.4" North, 157° 57' 8.21" West). Currently, this area is vacant.

The subject parcel is further described by the City and County of Honolulu Real Property Tax Assessment Office as Tax Map Key (TMK) number: (1) 9-7-36: Parcel 123 (TMK 9736-123). According to the City and County of Honolulu, Department of Planning and Permitting, the subject parcel/property is located within an area designated as "*P-1, Restricted Preservation*," and the State Land Use designation is "*Urban*."

According to the 1998 United States Geological Survey (USGS) Waipahu, Hawaii 7.5-minute topographic quadrangle map, the subject property lies at an elevation of approximately 150 to 200 feet above mean sea level (msl). The general topographic gradient of the region slopes down gradually from north to south, towards Pearl Harbor. The topography of the subject property and adjoining land has been graded relatively flat and level.



## **2.2 CURRENT USE OF SUBJECT PARCEL/PROPERTY**

The subject parcel, currently owned by the City and County of Honolulu, encompasses approximately 9.947 acres of land in a residential setting. Currently, the subject parcel is improved with the Pearl City District Park, which includes a gymnasium, a recreation building, two swimming pools, two basketball courts, four tennis courts, two baseball diamonds and a parking lot.

The subject property (proposed VZW HON Lunalilo Cell Site) comprises an approximately 830 square foot lease area consisting of an approximately 12- by 26-foot (312 square foot) patch of unvegetated land (proposed Telecom Building) and an existing 50-foot high light standard (proposed antenna site), located approximately 150 feet northeast of the lease area. The lease area is located in the southwest corner of the subject parcel (Approximate Lat/Long: 21° 24' 10.4" North, 157° 57' 8.21" West). Currently this area consists of a patchy lawn with areas of exposed soil (red clay).

Based on observations made during the site visit, the following information was ascertained:

- The storm water runoff from the subject parcel flows via sheet flow to the south into storm drains located on the subject parcel.
- Electricity is provided to the subject parcel/property by the Hawaiian Electric Company, Inc. (HECO).
- Water and sewer services are currently provided to the subject parcel by the City and County of Honolulu, Board of Water Supply (BWS).
- Evidence of discharge sources was not observed on the subject property.

The planned short-term use for the subject parcel is continued use as a community park, with the addition of the VZW HON Lunalilo/Pearl City District Park Cell Site.

## **3.0 PROPOSED ACTION**

### **3.1 TECHNICAL CHARACTERISTICS**

According to VZW, the proposed action involves replacing the existing light standard with a stealth light standard monopole and installing canister antennas on the light standard monopole. The maximum finished height of the light standard and antenna tips will be approximately 71 feet above ground level (AGL). Additionally, a 12- by 26-foot prefabricated equipment shelter will be installed on park grounds, approximately 150 feet southwest of the light standard, to house the associated telecommunications equipment. The building will be surrounded by a six-foot high chain-link fence enclosure.

Construction activities that will disturb the ground surface in the vicinity of the proposed project site include: (1) minimal grubbing and grading for the construction of a concrete foundation for the equipment shelter; (2) removal of the existing light pole; (3) excavation to install a new light pole; and (4) underground trenching to install electrical and telecommunications conduits from the equipment shelter to the light standard.



### **3.2 SOCIO-ECONOMIC CHARACTERISTICS**

The proposed cell site is anticipated to have no growth impact on regional population. The proposed cell site is located in a portion of the Pearl City District Park that is infrequently used and therefore, will not interfere with the current use of the park. The construction of the cell site will have no social or economic impacts to the area, except to provide better telecommunications service.

### **3.3 ENVIRONMENTAL CHARACTERISTICS**

The proposed cell site is located in an area with existing power. Clearing, grading, and excavation activities required for the proposed project are limited to the immediate vicinity of the subject property. No significant impact to the land is anticipated since previous development was undergone in the area during the construction of the existing park, and the stealth monopole will be installed in replacement of the existing light standard (proposed antenna location).

### **3.4 SCHEDULE AND FUNDING**

The project is anticipated to proceed following a FONSI determination by the approving agency, DLNR OCEA. Currently, the project is expected to commence at the middle to end of the third quarter of 2007. The project should take approximately four to five weeks to complete, with the exception of unforeseen delays. VZW will provide all funding for this project.

## **4.0 ALTERNATIVES TO PROPOSED ACTION**

In determining a suitable location for construction of a telecommunications antenna site, several search criteria must be met. Various topographic features in the area must be evaluated, including but not limited to: elevation, terrain, and building obstruction. In addition, the antenna tower(s) can only be located in areas that are appropriately zoned by the local jurisdiction.

The purpose of the VZW HON Lunalilo/Pearl City District Park Cell Site is to relay signals to a receiving antenna (i.e., personal cell phones) located horizontally outward at some distance. Therefore, the site selection is based on its ability to meet this purpose.

Several alternative sites were considered prior to choosing the current proposed location, including the Pearl City Recreation Center Gymnasium rooftop, City and County Bus Maintenance Facility on Lunalilo Home Road, and Our Lady of Good Counsel Church on Lunalilo Home Road.

The Pearl City District Park area was considered the primary location for the VZW Cell Site based on the existing use of the parcel and the height of the location, coverage objectives would best be achieved from this location. The existing park utilities and features will be used in the construction of the cell site. Alternative sites considered were not acceptable because of lack of interest by property owners, or financial terms.



## **5.0 AFFECTED ENVIRONMENT**

### **5.1 PHYSICAL SETTING**

#### **5.1.1 Physiography**

The subject parcel/property lies in the Pearl Harbor Plain physiographic region on the south-central portion of the Island of Oahu, Hawaii. The general topography of the subject parcel and surrounding region gently slopes down from north to south towards Pearl Harbor. The elevation at the subject parcel/property is approximately 150 to 200 feet above mean sea level (msl) (USGS 1998).

#### **5.1.2 Geology**

According to the Soil Survey of Islands of Kauai, Oahu, Maui, Molokai, and Lanai (Foote, D.E. et al., 1972), the soil underlying the eastern portion of the subject parcel consists of Lahaina Series soil. This type of soil consists of well-drained soils on uplands of Lanai, Maui, Molokai, and Oahu. These soils developed in material weathered from basic igneous rock.

The soil underlying the eastern portion of the subject parcel consists of Lahaina silty clay, on 7 to 15 percent slopes (mapping unit *LaC*). Cobblestones are common on the surface in a few places. In some places, near the coastal plains, the profile contains fragments of coral, stones, gravel, or sand. In a representative profile, the surface layer is dark reddish-brown silty clay about 15 inches thick. The subsoil, about 45 inches thick, is a dusky-red and dark reddish-brown silty clay and silty clay loam. The substratum is soft, weathered basic igneous rock. These soils are medium acidic in the surface layer and slightly acidic to medium acidic in the subsoil. Runoff is medium and the erosion hazard is moderate.

The soil underlying the western portion of the subject parcel consists of Molokai Series soil. This type of soil consists of well-drained soils on uplands on the islands of Maui, Lanai, Molokai, and Oahu. These soils formed in material weathered from basic igneous rock.

The soil underlying the western portion of the subject parcel consists of Molokai silty clay loam, on 7 to 15 percent slopes (mapping unit *MuC*). In a representative profile the surface layer is dark reddish-brown silty clay loam about 15 inches thick. The subsoil, about 57 inches thick, is dark reddish-brown silty clay loam. The substratum is soft, weathered rock. The soil is slightly acidic to neutral, except areas used for pineapple that are commonly very strongly acidic or extremely acidic in the surface layer. Runoff is medium and the erosion hazard is moderate.

### **Impacts and Mitigation Measures**

The proposed construction activities will require minor grubbing and grading and excavation for the new light pole and trenching to lay conduits for underground utility lines; however, the impacts are expected to be minimal.

#### **5.1.3 Hydrology**

According to the Aquifer Identification and Classification for Hawaii: Groundwater Protection Strategy for Hawaii (Mink, J.F. and L.S. Lau, October 1992), published by the Water Resources Research Center at the University of Hawaii, the aquifers below the subject property is part of the Waimalu aquifer system within the Pearl Harbor aquifer sector.



The aquifer is an unconfined, basal aquifer of the flank type, occurring in horizontally extensive lavas. This aquifer is listed as a currently used fresh drinking water supply. It is identified as irreplaceable with a high vulnerability to contamination.

The inferred groundwater flow direction is expected to follow surface topography and flow in a southerly direction towards Pearl Harbor. However, topography is not always a reliable method of predicting groundwater flow direction. The local gradient and flow direction under the subject property may be influenced naturally by tidal factors, zones of higher or lower permeability, or artificially by nearby pumping or recharge, and may deviate from the regional trend. The groundwater depth is expected to be approximately 140 to 190 feet below ground surface (bgs).

### **Impacts and Mitigation Measures**

There will be no contact with groundwater during the proposed construction activities because groundwater is first encountered at a significant depth (more than 100 feet below ground surface); there will be no impact on hydrology.

#### **5.1.4 Wetlands**

The subject property was inspected for the presence of sensitive ecological areas by noting environmental indicators (e.g., wetlands vegetation, floodplains) located on or immediately adjoining the subject property.

No sensitive ecological areas were observed on the subject parcel. The 1998 Waipahu, Hawaii, USGS 7.5-Minute Topographic Map, which includes the subject and adjoining properties, does not depict creeks or delineated wetlands located on the subject parcel/property or adjoining properties.

The United States Fish and Wildlife Service (USFWS) National Wetland Map of the area was reviewed at the website [www.fws.gov/](http://www.fws.gov/). According to the website, there are no designated wetlands on the subject property or immediate surrounding areas.

According to the Federal Emergency Management Agency Flood Insurance Rate Map Panel Number 150003C-0239F (revised September 30, 2004), viewed at the website <http://www.msc.fema.gov>, the area is located in Zone D, which denotes areas in which flood hazards are undetermined.

### **Impacts and Mitigation Measures**

The proposed action will not have a significant impact on wetlands, flooding, or flood hazards.

#### **5.1.5 Flora and Fauna**

The subject parcel was formerly used as agricultural land (sugar cane fields). Previous grubbing and grading activities removed all native vegetation. The subject property is currently used as a park and is covered by landscaped grasses.

### **Impacts and Mitigation Measures**

The proposed action will not have a significant impact on flora and fauna.





#### **5.1.6 Hazardous Substances**

The subject property was assessed for signs of storage, use, or disposal of hazardous materials. The assessment consisted of noting evidence (e.g., drums, unusual vegetation patterns, staining) indicating that hazardous materials are currently or were previously located on the subject property.

The historical research conducted for this assessment did not reveal evidence of hazardous materials/waste on the subject parcel/property, except for agricultural chemicals such as pesticides and/or herbicides, which may have been applied to the subject parcel. However, there was no evidence of storage, mixing, or excessive use of agricultural chemicals at the subject property. Moreover, according to Hawaii Administrative Rules (HIAR) Chapter 128D Environmental Response Law, the presence of agricultural chemicals does not constitute a release of a hazardous substance. Section 128D-1 of the HIAR, excludes “any release resulting from the legal application of a pesticide product registered under the Federal Insecticide, Fungicide, and Rodenticide Act.”

#### **Impacts and Mitigation Measures**

Former use of hazardous materials will not have a significant impact on the subject property.

#### **5.1.7 Noise**

The Pearl City District Park is located in a residential setting and is surrounded by schools on the south and east sides. The cell site is expected to increase noise levels; however, sound levels should be within the decibel levels allowed by HAR Title 11 and State of Hawaii Department of Health Chapter 46 – Noise Levels. The decibel levels allowed for P-2 Residential zoned properties are between 45 dBA and 55 dBA. The nearest residences are approximately 100 to 115 feet away from the shelter. The decibel levels for an outdoor generator approximately 120 feet away were calculated to be 50.6 dBA; however, the emergency generator will be installed inside a fully enclosed equipment shelter with soundproof walls.

#### **Impacts and Mitigation Measures:**

During construction and installation activities, noise levels might increase slightly. However, subsequent to construction activities, the proposed action should not have a significant impact on noise levels. The backup emergency generator will create a slight increase in noise; however, it will be installed in a fully enclosed equipment shelter with soundproof walls to minimize the impact.

#### **5.1.8 View and Visual Impacts**

The proposed cell site is located towards the rear of the park in the southwest corner of the park grounds, adjacent to a vegetated property boundary, enclosing the park on the southwest side. Views of this site are only visible from park grounds or the neighboring schools. In addition, the Pearl City Neighborhood Board requires that the color scheme of the cell site matches the environment.

#### **Impacts and Mitigation Measures:**

The proposed action will not have a significant impact on the view in the area.





### 5.1.9 Utilities

The subject property will use the utilities currently installed on the subject parcel, and electricity will be provided directly to the subject property by HECO. Storm water runoff flows into storm drains located in the park.

#### **Impacts and Mitigation Measures:**

The proposed cell site will use electrical services provided directly to the subject property by HECO. Conduits containing electrical and telecommunications wires will be installed underground from the light standard to the equipment shelter.

## 5.2 ARCHEOLOGICAL, HISTORIC, AND CULTURAL RESOURCES

### 5.2.1 Wilderness Area (47 CFR § 1.1307 [A] [1])

Bureau Veritas contacted the Department of Interior, United States Fish and Wildlife Service (USFWS) and the State of Hawaii Department of Land and Natural Resources (DLNR)-Department of Forestry and Wildlife (DOFAW), Oahu District Office regarding the presence of officially designated wilderness areas on the subject property.

The USFWS provided comment on the proposed project in a response letter dated March 22, 2007, as follows:

- *"We searched our databases, including data compiled by the Hawaii Biodiversity and Mapping Program and there is no critical habitat, Wildlife Refuge, or wildlife preserve in the vicinity of your project footprint. In addition, our data indicates that threatened or endangered species have not been observed within the construction footprint of the proposed cell site. If you have questions regarding these comments, please contact Patrice Ashfield, Technical Assistance and Section 7 Program Coordinator, at telephone (808) 792-9406; fax (808) 792-9581."* A copy of correspondence from the USFWS is included in Appendix B, Section 1.

The DOFAW provided the following comment on the proposed project in a response letter dated February 1, 2007:

- *"To the best of our knowledge: 1) The proposed site is not located within a wildlife preserve or an NWR; and there are no known (proposed or listed) T & E species ; or (proposed or designated) critical habitat within the proposed project site. However, for the protection of wildlife which may transit the area, the design and specifications for lighting should include provisions to minimize seabird attraction and for strike-hazard mitigation."* A copy of correspondence from the DOFAW is included in Appendix B, Section 1.

Bureau Veritas also reviewed (<http://www.wilderness.net>), the National Wilderness Preservation System website, for information on whether the proposed project site is located within an officially designated wilderness area. According to this website, four federal agencies (the National Park Service, Forest Service, Fish and Wildlife Service, and Bureau of Land Management) manage a total of 662 designated wilderness areas in the United States. Two of these Wilderness areas are located in the state of Hawaii, including on at Hawaii Volcanoes National Park on the island of Hawaii and the other at Haleakala National Park on the island of Maui. Neither area encompasses the subject parcel/property.



Based on the inquiries and responses noted in this Section, the proposed action is not located in an officially designated wilderness area.

#### **5.2.2 Wildlife Preserve (47 CFR § 1.1307 [A] [2])**

Bureau Veritas contacted the USFWS, Honolulu Office and the DLNR-DOFAW, Oahu District Office regarding the presence of officially designated wildlife preserves on the subject parcel.

The USFWS provided comment on the proposed project in a response letter dated March 22, 2007, as follows:

- *"We searched our databases, including data compiled by the Hawaii Biodiversity and Mapping Program and there is no critical habitat, Wildlife Refuge, or wildlife preserve in the vicinity of your project footprint. In addition, our data indicates that threatened or endangered species have not been observed within the construction footprint of the proposed cell site. If you have questions regarding these comments, please contact Patrice Ashfield, Technical Assistance and Section 7 Program Coordinator, at telephone (808) 792-9581."* A copy of correspondence from the USFWS is included in Appendix B, Section 1.

The DOFAW provided the following comment on the proposed project in a response letter dated February 1, 2007:

- *"To the best of our knowledge: 1) The proposed site is not located within a wildlife preserve or an NWR; and there are no known (proposed or listed) T & E species ; or (proposed or designated) critical habitat within the proposed project site. However, for the protection of wildlife which may transit the area, the design and specifications for lighting should include provisions to minimize seabird attraction and for strike-hazard mitigation."* A copy of correspondence from the DOFAW is included in Appendix B, Section 1.
- Bureau Veritas reviewed the United States Fish and Wildlife Service website at the internet address (<http://www.fws.gov/refuges/refugeLocatorMaps/Hawaii.html>) for information on whether the proposed project site is located within a designated wildlife preserve. According to this website, there are a total of nine wildlife preserves located within the Hawaiian Islands, including:
  1. Hakalau Forest National Wildlife Refuge
  2. Hanalei National Wildlife Refuge
  3. Huleia National Wildlife Refuge
  4. James Campbell National Wildlife Refuge
  5. Kakahaia National Wildlife Refuge
  6. Kilauea Point National Wildlife Refuge
  7. Kealia Pond National Wildlife Refuge
  8. Oahu Forest National Wildlife Refuge
  9. Pearl Harbor National Wildlife Refuge

None of the nine listed wildlife preserves identified encompasses the subject parcel/property.

Based upon the inquiries, responses, and evaluations noted in this Section, the proposed action will not affect listed or proposed threatened or endangered species and is not located in a designated or proposed critical habitat. Copies of correspondence from the USFWS, Honolulu Office and DLNR-DOFAW, Oahu District Office can be found in Appendix B, Section 1.



### **5.2.3 Listed or Proposed Threatened or Endangered Species and Designated or proposed Critical Habitats (47 CFR § 1.1307 [A] [3])**

Bureau Veritas reviewed the USFWS, Honolulu Branch Pacific Islands Endangered Species Index at the following website (<http://www.fws.gov/pacificislands/wesa/endspindex.html>) to assess the potential for designated or proposed critical habitats and proposed endangered, endangered, or threatened species to be affected by the proposed action.

Bureau Veritas also contacted the USFWS, Honolulu Office and DLNR-DOFAW, Oahu District Office regarding the presence of listed or proposed threatened or endangered species and designated or proposed critical habitats on the subject property.

The USFWS provided comment on the proposed project in a response letter dated March 22, 2007, as follows:

- *"We searched our databases, including data compiled by the Hawaii Biodiversity and Mapping Program and there is no critical habitat, Wildlife Refuge, or wildlife preserve in the vicinity of your project footprint. In addition, our data indicates that threatened or endangered species have not been observed within the construction footprint of the proposed cell site. If you have questions regarding these comments, please contact Patrice Ashfield, Technical Assistance and Section 7 Program Coordinator, at telephone (808) 792-9581." ."* A copy of correspondence from the USFWS is included in Appendix B, Section 1.

The DOFAW provided the following comment on the proposed project in a response letter dated February 1, 2007:

- *"To the best of our knowledge: 1) The proposed site is not located within a wildlife preserve or an NWR; and there are no known (proposed or listed) T & E species ; or (proposed or designated) critical habitat within the proposed project site. However, for the protection of wildlife which may transit the area, the design and specifications for lighting should include provisions to minimize seabird attraction and for strike-hazard mitigation."* A copy of correspondence from the DOFAW is included in Appendix B, Section 1.

The lights on the existing pole will be relocated onto the monopole and will point down towards the field, thereby minimizing hazards to seabirds.

Based upon the inquiries, responses, and evaluations noted in this Section, the proposed action will not affect listed or proposed threatened or endangered species and is not located in a designated or proposed critical habitat. Copies of correspondence from the USFWS, Honolulu Office and DLNR-DOFAW Oahu District Office can be found in Appendix B, Section 1.

### **5.2.4 Historic Places (47 CFR § 1.1307 [A] [4])**

In accordance with the *Nationwide Programmatic Agreement (NPA) for Review of Effects on Historic Properties for Certain Undertakings Approved by the FCC*, which was adopted by the FCC on March 7, 2005, Bureau Veritas submitted portions of the New Tower Submission Packet (FCC Form 620) to the State of Hawaii, DLNR-State Historic Preservation Division (SHPD) for review by the State Historic Preservation Officer (SHPO) on February 13, 2007.

Consultation with the SHPO was initiated for their review of potential impacts to districts, sites, buildings, structures, or objects significant in Hawaiian and American history, architecture, archeology, engineering,



or culture that are listed, or are eligible for listing, in the National and/or State Register of Historic Places, which may be impacted by the proposed action's area of potential effect (APE) for direct or visual effects. The APE for direct effects is defined by the NPA as *"the area of potential ground disturbance and any property, or any portion thereof, that will be physically altered or destroyed"* by the proposed action. The APE for visual effects is defined by the NPA as *"the geographic area in which the (proposed action) has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a Historic Property that makes it eligible for listing in the National Register."* In the case of the subject property, the APE for visual effects is ½ mile from the proposed action.

In a response letter (Log No: 2007.1542/Doc No: 0705BF06) dated June 5, 2007, the SHPO indicated that no historic properties or architectural concerns will be affected by this project. A copy of correspondence from the SHPO is presented in Appendix B, Section 2.

Bureau Veritas contacted the DLNR-SHPD, Office of Hawaiian Affairs (OHA), City and County of Honolulu Department of Planning and Permitting (DPP), Historic Hawaii Foundation (HHF), and the Native Hawaiian Group "Hui Malama," regarding districts, sites, buildings, structures or objects, significant in Hawaiian history, architecture, archeology, engineering or culture, that are listed, or are eligible for listing, in the National Register of Historic Places and may be located on the subject parcel/property. Responses from these agencies are listed as follows:

- The SHPO provided comment on the proposed project in a response letter dated June 5, 2007, as follows: *"No known eligible or listed National Register of Historic Places properties will be directly or indirectly impacted by the proposed undertaking. The area of potential effect (APE) was previously under intensive commercial sugar cane cultivation, which would have impacted the land for many years; thus, making it unlikely that any historically-significant resources will be present in the project area. Additionally, the project area has been further disturbed due to the subsequent development of the Lunalilo/Pearl City District Park (where the project area is located.) Therefore, we believe that the proposed undertaking will have no effect on historic properties. The SHPD recommends the proposed project to have "no historic properties" affected. Mahalo for the opportunity to comment. Should you have any questions regarding architectural concerns please call Bryan Flower at our Oahu office at (808) 692-8029."* A copy of correspondence from SHPO is located in Appendix B, Section 2.
- T.S. Dye & Colleagues, Archaeologists, Inc. was subcontracted to perform an archeological assessment of the subject parcel/property and surrounding area. The T.S. Dye Archaeological Assessment Report dated March 7, 2007 stated that, *"A review of the archeological literature, historic maps, and information provided by Clayton Group Services, shows that the project site is located in an area that has been extensively modified during sugar cane cultivation and recently with the construction of the existing district park. No surface historic properties exist within the area of potential effect for the proposed Verizon Wireless cellular site and no subsurface deposits are likely to be found. Therefore the construction of the facility will have no direct effect on historic properties. Since there are no known historic sites within 0.5 miles of the tower, the undertaking will have no visual effect on historic properties."* A copy of the T.S. Dye & Colleagues, Archaeologists, Inc. archaeological assessment report is located in Appendix B, Section 3.
- In a response letter dated February 12, 2007, the DPP provided the following comment on the proposed project: *"We have no knowledge that the site involves any significant historical or cultural resources. We recommend you contact the State of Hawaii, Department of Land and Natural Resources, Historic Preservation Division, for information concerning potential impacts to historical*



and/or cultural resources. A copy of correspondence from the DPP is located in Appendix B, Section 5.”

- In a response letter dated May 22, 2007, the OHA provided the following comment on the proposed project: *“The Office of Hawaiian Affairs (OHA) is in receipt of your March 12, 2007 request for comment on the above listed project, TMK (1) 9-7-036: Parcel 123. OHA offers the following comments: Our staff has no comment specific to the above-listed proposed undertaking at this time. Thank you for your continued correspondence. OHA asks that, in accordance with Section 6E-46.6, Hawaii Revised Statutes and Chapter 13-300, Hawaii Administrative Rules, if the project moves forward, and if any significant cultural deposits or human skeletal remains are encountered, work shall stop in the immediate vicinity and the State Historic Preservation Division (SHPD/DLNR) shall be contacted. Thank you for the opportunity to comment. If you have further questions or concerns, please contact Mr. Jesse Yorck at (808) 594-0239.”* A copy of correspondence from the OHA is located in Appendix B, Section 2.
- As of the date of this report, Bureau Veritas has not received responses from HHF or Hui Malama. However, these groups typically do not respond to such inquiries.

#### **5.2.5 Hawaiian Religious Sites (47 CFR § 1.1307 [A] [5])**

In accordance with the NPA adopted by the FCC on March 7, 2005, and its requirements for tribal consultation, Bureau Veritas submitted the proposed project information to the FCC’s online Tower Construction Notification System (TCNS) website on February 13, 2007, and the proposed HON Lunalilo/Pearl City District Park cell site was assigned the project identification number 24839. On February 13, 2007, the proposed project information was forwarded from the TCNS to registered tribes and native Hawaiian organizations (NHOs) that may have an interest in the proposed project. Additionally, on February 15, 2006, the TCNS forwarded Bureau Veritas a list of the tribes and NHOs that were sent a copy of the proposed project information.

Bureau Veritas contacted the DLNR-SHPD, OHA, HHF, DPP, and Hui Malama regarding known Native Hawaiian religious sites on the subject property.

- The SHPO provided comment on the proposed project in a response letter dated June 5, 2007, as follows: *“No known eligible or listed National Register of Historic Places properties will be directly or indirectly impacted by the proposed undertaking. The area of potential effect (APE) was previously under intensive commercial sugar cane cultivation, which would have impacted the land for many years; thus, making it unlikely that any historically-significant resources will be present in the project area. Additionally, the project area has been further disturbed due to the subsequent development of the Lunalilo/Pearl City District Park (where the project area is located.) Therefore, we believe that the proposed undertaking will have no effect on historic properties. The SHPD recommends the proposed project have no historic properties affected. Mahalo for the opportunity to comment. Should you have any questions regarding architectural concerns please call Bryan Flower at our Oahu office at (808) 692-8029.”* A copy of correspondence from SHPO is located in Appendix B, Section 2.
- In a response letter dated February 12, 2007, the DPP provided the following comment on the proposed project: *“We have no knowledge that the site involves any significant historical or cultural resources. We recommend you contact the State of Hawaii, Department of Land and Natural Resources, Historic Preservation Division, for information concerning potential impacts to historical and/or cultural resources. For zoning purposes, the proposed facility is considered a “utility installation, Type B” by the Land Use Ordinance and the proposed monopole requires a conditional*





use permit (CUP-minor) and a waiver (for height) since the proposed facility exceeds the zoning height limit. The applicant submitted these permit applications (File No. 2006/CUP-59 and 2006/W-64) to our department last year. However, on August 21, 2006, we ceased processing of the permit applications because the project did not comply with the requirements of Chapter 343, Hawaii Revised Statutes.” A copy of correspondence from the DPP is presented in Appendix B, Section 5.

- In a response letter dated May 22, 2007, the OHA provided the following comment on the proposed project: *“The Office of Hawaiian Affairs (OHA) is in receipt of your March 12, 2007 request for comment on the above listed project, TMK (1) 9-7-036: Parcel 123. OHA offers the following comments: Our staff has no comment specific to the above-listed proposed undertaking at this time. Thank you for your continued correspondence. OHA asks that, in accordance with Section 6E-46.6, Hawaii Revised Statutes and Chapter 13-300, Hawaii Administrative Rules, if the project moves forward, and if any significant cultural deposits or human skeletal remains are encountered, work shall stop in the immediate vicinity and the State Historic Preservation Division (SHPD/DLNR) shall be contacted. Thank you for the opportunity to comment. If you have further questions or concerns, please contact Mr. Jesse Yorck at (808) 594-0239.”* A copy of correspondence from the OHA is located in Appendix B, Section 2.
- As of the date of this report, Bureau Veritas has not received responses from the HHF or Hui Malama. However, these groups typically do not respond to such inquiries.
- A legal notice describing the proposed action was published in the Honolulu Star Bulletin daily newspaper on January 31, 2007. As of this date, no responses to the public notice have been received. Documentation of the public notice is presented in Appendix B, Section 4.

Based on the inquiries and responses from the native Hawaiian organizations and related agencies noted in this Section, the proposed action will not affect native Hawaiian religious sites. However, state and federal law requires that if cultural resources are found during construction activities, work needs to cease and the SHPD must be notified. Therefore, should historic resources, including human skeletal remains, be identified during construction activities associated with the proposed action, all work needs to cease in the immediate vicinity of the find until additional consultation with the SHPD is conducted and appropriate evaluation of the resources has been completed.

### **5.2.6 Surface Features (47 CFR § 1.1307 [A] [7])**

Bureau Veritas contacted VZW regarding the proposed action at the subject property and the potential for the proposed action to significantly change the surface features (e.g., wetland fill, deforestation or water diversion). As indicated in Section 2.3, the proposed action is not expected to significantly disturb the ground surface at the site.

Bureau Veritas reviewed the following sources for information regarding wetlands in the vicinity of the subject parcel/property, including (1) available wetlands delineation maps published by the National Wetlands Inventory at the website <http://www.fws.gov/nwi/>, as cited in the 1987 Final Version of the Corps of Engineers Wetlands Delineation Manual; (2) the USGS National Map Viewer (NMV) online database at (<http://nmviewogc.cr.usgs.gov/viewer.htm>), and (3) the 1998 USGS 7.5-Minute Series, Waipahu Topographic Quadrangle Map which includes the subject and adjoining properties.

Based on these sources, no water bodies, creeks or delineated wetlands were depicted on or near the subject parcel/property. Bureau Veritas did not observe evidence (e.g., hydrophytic vegetation, standing water, or other hydrologic indicators) that would indicate the presence of wetlands on the subject property/parcel at the time of the site inspection.



Bureau Veritas contacted the United States Army Corps of Engineers (USACE) - Honolulu District Office regarding wetland permitting on the subject property. According to Mr. George Young of the USACE - Honolulu District Office, a Department of the Army (DA) permit is not required for the subject property. A copy of correspondence from the USACE is presented in Appendix B, Section 7.

Based on the inquiries and responses noted in this Section, the proposed action does not appear to involve significant changes in surface features at the subject parcel/property.

### **5.2.7 National Scenic Trails**

Bureau Veritas reviewed the *National Trails System Map and Guide* (2004) regarding the presence of National Scenic Trails on the subject property/parcel. According to the map, the subject parcel is not located within one mile of a National Scenic Trail.

## **6.0 COMMUNITY CONSULTATION**

The following community organizations were contacted regarding the proposed action. Their responses are listed as follows:

- A legal notice was placed in the Honolulu Star Bulletin newspaper, but no community response was received.
- A presentation of the proposed cell site was made before the Pearl City Neighborhood Board #21 on May 23, 2006. The board voted to approve the request for a Conditional Use Permit to install a telecommunications antenna at Pearl City District Park. Community concerns were noted during the discussion; however, VZW was able to address them. A copy of the minutes from the Board meeting is included in Appendix B, Section 4. The following conditions were added to the approval of the permit; (1) the color scheme has to match the environment and (2) VZW must inform the board when construction begins.

## **7.0 PERMITS, VARIANCES, AND APPROVALS**

The following permits are required:

- Conditional Use Permit (CUP)
- Height Waiver Permit approval by the County
- Building Permit, including an Electrical Permit

As of March 7, 2007, the CUP and Height Waiver were pending approval by the County. The Building Permit application was pending approval of plans by VZW and will be submitted immediately after it is approved by VZW. The Draft EA must be approved before either of these permits can be acquired.

- In a response letter dated March 20, 2007, the USACE provided the following comment on the proposed project: *"Based on the information you provided as agent for Verizon Wireless, we have determined the subject parcel does not contain waters of the U.S. subject to our jurisdiction, including wetlands. We have also determined that the work described is not anticipated to involve the activities that will result in the placement of dredged and/or fill material into waters of the U.S., including wetlands; therefore, a DA permit is not required. Should you have any questions regarding this*



determination, please contact Ms. Joy Anamizu by phone at 808-438-7023, by facsimile at 808-438-4060, or by e-mail at [joy.n.anamizu@usace.army.mil](mailto:joy.n.anamizu@usace.army.mil) and refer to the file number above." A copy of correspondence from the USACE is included in Appendix B, Section 7.

- In a response letter dated February 12, 2007, the DPP provided the following comment on the proposed project: *"For zoning purposes, the proposed facility is considered a "utility installation, Type B" by the Land Use Ordinance and the proposed monopole requires a conditional use permit (CUP-minor) and a waiver (for height) since the proposed facility exceeds the zoning height limit. The applicant submitted these permit applications (File No. 2006/CUP-59 and 2006/W-64) to our department last year. However, on August 21, 2006, we ceased processing of the permit applications because the project did not comply with the requirements of Chapter 343, Hawaii Revised Statutes."* A copy of correspondence from the DPP is presented in Appendix B, Section 5.

## 8.0 **FINDINGS**

We have prepared this Draft EA for the proposed VZW HON Lunalilo/Pearl City District Park Cell Site (subject property) in conformance with the DLNR-OCEA's CDUA requirements. The findings presented in this Section are based on Bureau Veritas' understanding of the subject property location and the proposed action at the subject property, the proposed VZW HON Lunalilo/Pearl City District Park Cell Site (VZW Project ID #2005090690), as such action is described in Section 2.0. Should modifications to the location of the subject property or proposed action be made in the future, then additional inquiries may be prudent.

According to the DOH Rules (I 1-200-12), an applicant or agency must determine whether an action may have significant impact on the environment, including all phases of the project, its expected consequences both primary and secondary, its cumulative impact with other projects, and its short- and long-term effects. In making the determination, the Rules established "Significant Criteria" to be used as a basis for identifying whether significant environmental impact will occur. According to the Rules, an action shall be determined to have significant impact on the environment if it meets any one of the following criteria:

**(1) Involves an irrevocable commitment to loss or destruction of any natural or cultural resources;**

The proposed project site is located in the existing Pearl City District Park. This area was extensively altered during previous development of the park and available photographs of the site show obvious disturbances and clearings. In addition, according to SHPD, no archaeological or historical sites are known to exist within the immediate area of the proposed project site.

**(2) Curtails the range of beneficial uses of the environment;**

The cell site will be located in a portion of the park that is infrequently used. In addition, the proposed action will utilize the existing park features and will not affect the existing use of the park; therefore, it will not reduce the environment's beneficial uses.

**(3) Conflicts with the State's long-term environmental policies or goals and guidelines as expressed in Chapter 344, HRS; and any revisions thereof and amendments thereto, court decisions, or executive orders;**

The proposed project is not expected to have a significant impact on the surrounding natural environment, historical areas or the existing community. Additionally it will have no negative





economic or social impacts on the area. Therefore, it is consistent with the Environmental Policies established in Chapter 344, HRS, and the National Environmental Policy Act.

**(4) Substantially affects the economic or social welfare of the community or state;**

The proposed cell site is anticipated to have no growth impact on regional population. The proposed cell site is located in a portion of the Pearl City District Park that is infrequently used and therefore, will not interfere with the current use of the park. The construction of the cell site will have no social or economic impacts to the area, except to provide better telecommunications service.

**(5) Substantially affects public health;**

Impacts to public health may be affected by air and noise during construction; however, these will be insignificant or not detectable.

**(6) Involves substantial secondary impacts, such as population changes or effects on public facilities;**

The proposed project is anticipated to have no growth impact on the regional population. In addition, the proposed monopole will be replacing an existing light pole, and the equipment cabinet will be located out of the way of the general park features; therefore, it will have very little effect on public facilities.

**(7) Involves a substantial degradation of environmental quality;**

The proposed activities will be limited to the immediate area of the proposed cell site; therefore, the proposed action will not involve substantial degradation of environmental quality.

**(8) Is individually limited but cumulatively has considerable effect on the environment, or involves a commitment for larger actions;**

The proposed action is designed to maintain the given space, and benefit the community at large. No views will be obstructed or be visually incompatible with the surrounding area.

**(9) Substantially affects a rare, threatened or endangered species or habitat;**

According to USFWS determinations, the subject property does not lie within or immediately adjacent to any proposed or designated critical habitat.

**(10) Detrimentially affects air or water quality or ambient noise levels;**

The proposed project is not anticipated to detrimentally affect air or water quality or ambient noise levels of the area. The project will have a slight impact on noise levels, due to the emergency generator; however, the impact will be minimized by sound proof walls.



- (11) **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, freshwater, or coastal waters;**

According to the Federal Emergency Management Agency Flood Insurance Rate Map (FEMA/FIRM Map No. 150003C-0239F, revised September 30, 2004) for the County of Honolulu, Hawaii, the subject property is located in Zone D, which denotes areas in which flood hazards are undetermined.

In addition, the United States Army Corp of Engineers has determined that there are no waters of the United States at the proposed project site and, therefore, a Department of the Army (DA) permit will not be required for this project.

Based on the above criteria, there are no environmentally sensitive areas associated within the proposed project.

- (12) **Substantially affects scenic vistas and view planes identified in county or state plans or studies;**

The proposed cell site is located towards the rear of the Pearl City District Park in the southwest corner of the park grounds, adjacent to a vegetated property boundary enclosing the park on the southwest side. Views of this site are only visible from park grounds or the neighboring schools; therefore, the proposed site does not affect scenic vistas and view planes.

- (13) **Requires substantial energy consumption.**

Construction of the proposed project will not require substantial energy consumption relative to other similar projects.

None of the inquiries made or documents reviewed during this EA indicated direct evidence of significant negative environmental conditions with respect to the proposed action at the subject property.

This report prepared by: \_\_\_\_\_

Katie Garst  
Environmental Scientist  
Health, Safety, and Environmental Services

This report reviewed by: \_\_\_\_\_

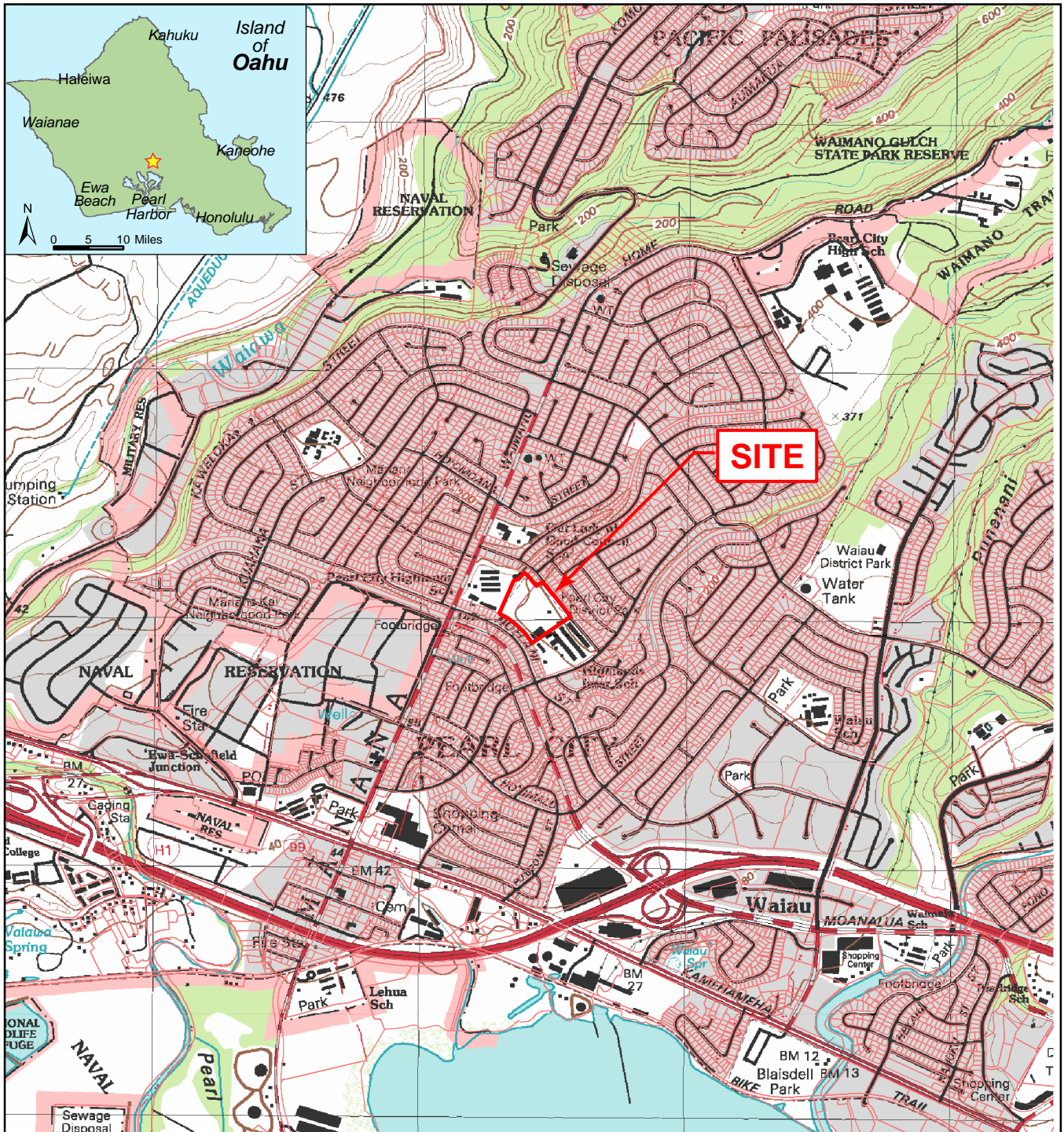
Daniel P. Ford, R.G.  
Vice President  
Health, Safety, and Environmental Services

July 11, 2007  
Project No. 17006-006428.00

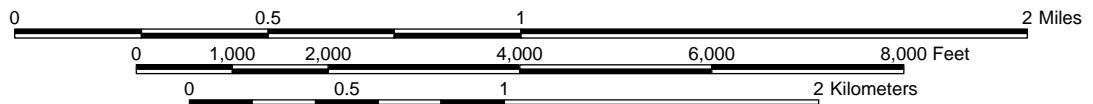


**ATTORNEY-CLIENT PRIVILEGED AND CONFIDENTIAL WORK PRODUCT**

**FIGURES**



1:24,000



Portion of 7.5-minute Series (Topographic) Maps  
USGS, Waipahu Quadrangle 1998, Hawaii County, Hawaii



**BUREAU  
VERITAS**

Project No.:  
17006-006428.00

Date:  
09/15/2006

Revised By:  
RC

Checked By:  
KG

Title:

## Site Location Map

Location: VZW HON Lunailo Cell Site (#2005090690)  
785 Hoomaemae Street  
Pearl City, Oahu, Hawaii  
TMK: (1) 9-7-036: Parcel 123

Client: Verizon Wireless (VZW) / Cades Schutte, LLP

FIGURE

1





Source: Earth Data Aerial Imagery 2004



0 60 120 240 Feet



**BUREAU  
VERITAS**

Project No.:  
**17006-006428.00**

Date:  
**09/18/2006**

Revised By:  
**RC**

Checked By:  
**KG**

Title:

## Site Vicinity Map

Location:

**VZW HON Lunalilo Cell Site (#2005090690)  
785 Hoomaemae Street  
Pearl City, Oahu, Hawaii  
TMK: (1) 9-7-036: Parcel 123**

Client:

**Verizon Wireless (VZW) / Cades Schutte, LLP**

**FIGURE**

**2**



**ATTORNEY-CLIENT PRIVILEGED AND CONFIDENTIAL WORK PRODUCT**

**PHOTOGRAPHS**





|  |                    |   |                   |
|--|--------------------|---|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of baseball diamond looking northeast from proposed telecom building location                                | <b>Photo 1</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless  | 3/14/2007         |



|  |                    |   |                   |
|--|--------------------|---|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of proposed telecom building location looking northwest  | <b>Photo 2</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless  | 3/14/2007         |





|  |                    |   |                   |
|--|--------------------|---|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View from proposed telecom building location looking west (Pearl City Highlands School)                           | <b>Photo 3</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless  | 3/14/2007         |



|  |                    |   |                   |
|--|--------------------|---|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View from proposed telecom building location looking south (residential properties)                               | <b>Photo 4</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless  | 3/14/2007         |





|  |                    |   |                   |
|--|--------------------|---|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View from proposed telecom building location, looking east towards gymnasium                                      | <b>Photo 5</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless  | 3/14/2007         |



|  |                    |   |                   |
|--|--------------------|---|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of drain northeast of proposed telecom building location   | <b>Photo 6</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless  | 3/14/2007         |





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|--|--------------------|---|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of proposed light standard looking east  | <b>Photo 7</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless  | 3/14/2007         |



|  |                    |  |                   |
|--|--------------------|--|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of tennis and basketball courts,beyond which is Park Highlands Intermediate School , looking northeast from proposed light standard | <b>Photo 8</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii                        | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless   | 3/14/2007         |



|  |                    |   |                   |
|--|--------------------|---|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of gymnasium looking east from proposed light standard   | <b>Photo 9</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless  | 3/14/2007         |



|  |                    |   |                   |
|--|--------------------|---|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of proposed light standard looking west  | <b>Photo 10</b>   |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless  | 3/14/2007         |





|  |                    |   |                   |
|--|--------------------|---|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of transformers in northwest-central region of subject parcel, adjacent to south side of pool                | <b>Photo 11</b>   |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless  | 3/14/2007         |



|  |                    |   |                   |
|--|--------------------|---|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of recreation building on subject parcel looking southeast   | <b>Photo 12</b>   |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City District Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless  | 3/14/2007         |



**ATTORNEY-CLIENT PRIVILEGED AND CONFIDENTIAL WORK PRODUCT**

**APPENDIX A**

**LIST OF SOURCES/REFERENCES**



**ATTORNEY-CLIENT PRIVILEGED AND CONFIDENTIAL WORK PRODUCT**

**LIST OF SOURCES/REFERENCES**

**CONTACTS:**

|                               |   |
|-------------------------------|---|
| Agency and division/source:   | Verizon Wireless  |
| Name/title of representative: | Mr. Charles Fortner / Site Acquisition Manager                  |
| Location of Agency:           | unknown   |
| Agency Telephone Number:      | (808) 536-2404  |
| Agency and division/source:   | U.S. Fish & Wildlife Service (USFWS)                            |
| Name/title of representative: | Mr. Patrick Leonard, Ph.D., Field Supervisor                    |
| Location of agency:           | Honolulu, Oahu, Hawaii  |
| Agency telephone number:      | (808) 792-9400  |
| Agency and division/source:   | DLNR – Department of Forestry & Wildlife (DOFAW)                |
| Name/title of representative: | Mr. Pat Costales, Oahu Branch Manager                           |
| Location of agency:           | Honolulu, Oahu, Hawaii  |
| Agency telephone number:      | (808) 587-0166  |
| Agency and division/source:   | DLNR – Department of Forestry & Wildlife (DOFAW)                |
| Name/title of representative: | Mr. Peter Young, Chairperson                                    |
| Location of agency:           | Honolulu, Oahu, Hawaii  |
| Agency telephone number:      | (808) 587-0166  |
| Agency and division/source:   | DLNR – State Historic Preservation Division (SHPD)              |
| Name/title of representative: | Ms. Melanie Chinen, Administrator/ Mr. Peter Young, Chairperson |
| Location of agency:           | Honolulu, Oahu, Hawaii  |
| Agency telephone number:      | (808) 692-8015  |
| Agency and division/source:   | Office of Hawaiian Affairs (OHA); Hawaiian Rights Div.          |
| Name/title of representative: | Mr. Clyde Nāmu’o, Chief Administrator                           |
| Location of Agency:           | Honolulu, Oahu, Hawaii  |
| Agency Telephone Number:      | (808) 594-1888  |
| Agency and division/source:   | U.S. Army Corp of Engineers – Honolulu District                 |
| Name/title of representative: | Mr. George Young, Director / Ms. Paulette Choy, Staff           |
| Location of Agency:           | Honolulu, Oahu, Hawaii  |
| Agency Telephone Number:      | (808) 438-1091  |



**ATTORNEY-CLIENT PRIVILEGED AND CONFIDENTIAL WORK PRODUCT**

**LIST OF SOURCES/REFERENCES  
(Continued)**

Agency and division/source: Historic Hawaii Foundation (HHF)  
Name/title of representative: Ms. Kiersten Faulkner, Executive Director  
Location of Agency: Honolulu, Oahu, Hawaii  
Agency Telephone Number: (808) 523-2900

Agency and division/source: Hui Malama  
Name/title of representative: Mr. Charles K. Maxwell, Sr. – Po'o (President)  
Location of Agency: PO Box 365 Ho'olehua, HI 96729  
Agency Telephone Number: (808) 553-5738

Agency and division/source: OHA  
Name/title of representative: Mr. Clyde Nāmu'o, Chief Administrator  
Location of Agency: Honolulu, Oahu, Hawaii  
Agency Telephone Number: (808) 594-1888

**REFERENCES:**

Name of publication: Phase I Environmental Site Assessment of the Proposed HON  
Lunalilo/Pearl City District Park Cell Site (#2005090690), Located  
at 785 Hoomaemae Street (Portion of Tax Map Key [TMK] No.: [1]  
9-7-24: Parcel 123), Pearl City, Oahu, Hawaii  
Author of publication: Bureau Veritas North America, Inc.  
Date of publication: April 10, 2007

Name of publication: U.S.G.S. 7.5-Minute Series Waipahu, Hawaii Quadrangle  
Author of publication: United States Geological Survey (USGS)  
Date of publication: 1998

Name of publication: Flood Insurance Rate Map, City and County of Honolulu, Map No.  
150003C-0239F  
Author of publication: Federal Emergency Management Agency  
Date of publication: September 30, 2004

Name of publication: Tower Construction Notification System (TCNS) online website  
(<http://wireless2.fcc.gov/TribalHistoricNotification/login-notifier.htm>)  
Author of publication: Federal Communications Commission (FCC)  
Date of publication: 2005

Name of publication: National Programmatic Agreement



ATTORNEY-CLIENT PRIVILEGED AND CONFIDENTIAL WORK PRODUCT

**LIST OF SOURCES/REFERENCES  
(Continued)**

|                        |   |
|------------------------|---|
| Author of publication: | FCC   |
| Date of publication:   | September 2004 / March 7, 2005  |
| Name of publication    | United States Fish and Wildlife Service   |
| Author of publication  | <a href="http://www.fws.gov/refuges/refugeLocatorMaps/Hawaii.html">http://www.fws.gov/refuges/refugeLocatorMaps/Hawaii.html</a> |
| Name of publication:   | National Map Viewer – Wetland information   |
| Author of publication: | <a href="http://nationalmap.usgs.gov">http://nationalmap.usgs.gov</a>   |
| Name of publication:   | National Scenic Trails Map and Guide  |
| Author of publication: | BLM, Federal Highway Administration, USFS, National Park Service  |
| Date of publication:   | Revised June 2004   |





## **APPENDIX B**

### **REGULATORY AGENCY FCC NEPA 106 RESPONSE LETTERS AND CORRESPONDENCE**



## **SECTION 1**

**United States Department of the Interior  
United States Fish & Wildlife Service (USFWS)  
Pacific Islands Fish and Wildlife Office**

**State of Hawaii  
Department of Land and Natural Resources (DLNR)  
Department of Forestry and Wildlife (DOFAW)**



**RECEIVED**

3-23-07

## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Pacific Islands Fish and Wildlife Office  
300 Ala Moana Boulevard, Room 3-122, Box 50088  
Honolulu, Hawaii 96850



In Reply Refer To:  
2007-TA-0097

**MAR 22 2007**

Ms. Christine Yott  
Clayton Group Services, Inc.  
A Bureau Veritas Company  
970 North Kalaheo Avenue, Suite C-316  
Kailua, Hawaii 96734

**Subject:** Species List and Impact Determination Request for the Proposed Verizon Wireless  
HON Lunalilo Cell Site, 785 Hoomaemae Street, Pearl City, Oahu, Hawaii


Dear Ms. Yott:

We are in receipt of your letter dated January 29, 2007, requesting species and habitat information in the vicinity of the proposed Verizon Wireless Lunalilo Cell Site, (TMK.: [1] 9-7-036: Parcel 123), 785 Hoomaemae Street, Pearl City, Oahu, Hawaii. The proposal is to replace an existing light standard with a stealth light standard monopole and install canister antennas on top. The maximum finished height of the light standard and antenna tips will be approximately 71 feet above the ground. We understand that the Federal Communications Commission (FCC) has designated the licensees, applicants, tower companies and their representatives as non-Federal representatives for informal consultation.

We searched our data bases, including data compiled by the Hawaii Biodiversity and Mapping Program and there is no critical habitat, Wildlife Refuge, or wildlife preserve in the vicinity of your project footprint. In addition, our data indicates that threatened or endangered species have not been observed within the construction footprint of the proposed cell site.

If you have questions regarding these comments, please contact Patrice Ashfield, Technical Assistance and Section 7 Program Coordinator, at telephone (808) 792-9406; fax (808) 792-9581.

Sincerely,

 Patrick Leonard  
Field Supervisor

**TAKE PRIDE<sup>®</sup>**  
**IN AMERICA** 



Patrick.G.Costales@hawaii.gov

02/01/2007 05:10 PM

To Christine Yott/USA/VERITAS@VERITAS

cc kawika.smith@earthlink.net

bcc

Subject Clayton Project No. #17006-006428.00

This responds to your letter of inquiry dated January 29, 2007. . .To the best of our knowledge: 1) The proposed site is not located within a wildlife preserve or a NWR; and there are no known (proposed or listed) T & E species; or (proposed or designated) critical habitat within the proposed project site(s).

However, for the protection of wildlife which may transit the area, the design and specifications for lighting should include provisions to minimize seabird attraction and for strike-hazard mitigation.

Patrick G. Costales  
Oahu Branch Manager  
Hawaii Division of Forestry and Wildlife  
2135 Makiki Heights Drive  
Honolulu, HI 96822

Ph: (808)973-9787  
Fax: (808)973-9781  
Email: Patrick.G.Costales@hawaii.gov

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## **SECTION 2**

**State of Hawaii  
Department of Land and Natural Resources (DLNR)  
State Historic Preservation Office (SHPO)**

**State of Hawaii  
Office of Hawaiian Affairs (OHA)**

**Oahu SHPD Historic Sites List**

LINDA LINGLE  
GOVERNOR OF HAWAII



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6-9-07



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621  
HONOLULU, HAWAII 96809

ALLAN A. SMITH  
INTERIM CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT

PETER T. YOUNG  
DEPUTY DIRECTOR

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  
KARAOLOWE ISLAND RESERVE COMMISSION  
LAND  
STATE PARKS

June 5, 2007

Christine Yott  
Bureau Veritas North America, Inc.  
970 North Kalaheo Avenue, Suite C-316  
Kailua, Hawaii 96734

LOG NO: 2007.1542  
DOC NO: 0705BF06  
Architecture  
Archeology

Dear Ms. Yott:

**SUBJECT: Section 106 (NHPA) Review**  
**RE: Construction of 71-Foot Stealth Monopole**  
**Project Number: #17006-006428.00**  
**Project location: Lunalilo/Pearly City District Park**  
**Pearl City, Ewa District, Oahu Island**  
**TMK: [1] 9-7-036:123**

This is in response to your letter dated May 2, 2007 which we received on May 4, 2007.

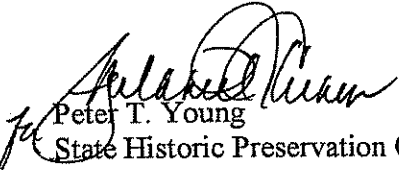
The proposed project entails the replacement of an extant 50-foot tall light pole with a new stealth light standard monopole that will be a maximum height of 71 feet above ground level. A 12-by-28 foot prefabricated equipment shelter will be located approximately 150 feet southwest of the proposed tower site. The equipment shelter will be enclosed by a six-foot high chain-link fence. The proposed project is located in the southwest corner of the Lunalilo/Pearl City District Park property.

No known eligible or listed National Register of Historic Places properties will be directly or indirectly impacted by the proposed undertaking. The area of potential effect (APE) was previously under intensive commercial sugar cane cultivation, which would have impacted the land for many years; thus, making it unlikely that any historically-significant resources will be present in the project area. Additionally, the project area has been further disturbed due to the subsequent development of the Lunalilo/Pearl City District Park (where the project area is located). Therefore, we believe that the proposed undertaking will have **no effect on historic properties**.

Christine Yott  
Page 2

The SHPD recommends the proposed project to have *no historic properties affected*. Mahalo for the opportunity to comment. Should you have any questions regarding architectural concerns please call Bryan Flower at our Oahu office at (808) 692-8029.

Aloha,

  
Peter T. Young  
State Historic Preservation Officer

Enclosure

BF:jen





**RECEIVED**

5-25-07

**STATE OF HAWAII**  
**OFFICE OF HAWAIIAN AFFAIRS**  
711 KAPI'OLANI BOULEVARD, SUITE 500  
HONOLULU, HAWAII 96813

HRD07/2957

May 22, 2007

Christine Yott  
Clayton Group Services  
970 North Kalaheo Avenue  
Suite C-316  
Kailua, HI 96734

**RE: Consultation for a Proposed Verizon Cell Site, Pearl City, O'ahu, TMK: (10 9-7-036: 123**

Dear Christine Yott,

The Office of Hawaiian Affairs (OHA) is in receipt of your March 12, 2007 submission and offers the following comments:

Our staff has no comment specific to the above-listed proposed undertaking at this time. Thank you for your continued correspondence.

OHA asks that, in accordance with Section 6E-46.6, Hawaii Revised Statutes and Chapter 13-300, Hawaii Administrative Rules, if the project moves forward, and if any significant cultural deposits or human skeletal remains are encountered, work shall stop in the immediate vicinity and the State Historic Preservation Division (SHPD/DLNR) shall be contacted.

Thank you for the opportunity to comment. If you have further questions or concerns, please contact Jesse Yorck, Native Rights Policy Advocate, at (808) 594-0239 or [jessey@oha.org](mailto:jessey@oha.org).

Aloha,

A handwritten signature in black ink, appearing to read "Clyde W. Nāmu'o".

Clyde W. Nāmu'o  
Administrator

# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME           | TAX MAP<br>KEY | HAWAII<br>REGISTER | NATIONAL<br>REGISTER |
|----------------|---------------------|----------------|--------------------|----------------------|
| 80-01-241      | Kupopolo Heiau      | 6-1-05:16      | 9/5/78             | 6/4/73               |
| 80-01-249      | Pu'u o Mahuka Heiau | 5-9-05:68      | 1/29/81            | 12/29/62<br>1966 NHL |
| 80-01-257      | Kalou Fishpond      | 5-8-01:15,55   | 1/30/81            |                      |

# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME                               | TAX MAP<br>KEY                                   | HAWAII<br>REGISTER | NATIONAL<br>REGISTER  |
|----------------|---|--|--------------------|-----------------------|
| 80-02-1038     | Kahuku Habitation Area                  | 5-6-03:10  |                    | 9/11/72               |
| 80-02-2501     | 80-02-2501                              | 5-7-02:03  |                    | 8/14/73               |
| 80-02-2899     | Kawela Bay<br>Archaeological Area       | 5-7-03: Various,<br>5-7-06: Various              |                    | 11/14/85 E            |
| 80-02-2911     | Kahuku Point Archaeological<br>Area     | 5-7-01:33<br>(portion)                           |                    | 11/14/85 E            |
| 80-02-2912     | Punaho'olapa Marsh                      | 5-6-03:40<br>(portion)<br>5-7-01:33<br>(portion) |                    | 11/14/85 E            |
| 80-02-9745     | 'Opana Radar Site                       | 5-7-02:02  | 6/2/90             | 9/19/91<br>4/19/94NHL |
| 80-02-9816     | Kahuku Plantation Supervisor's<br>House | 5-6-10:158                                       | 7/25/98            | 9/19/91<br>4/19/94NHL |

# **National and State Register of Historic Places**

| <b>SITE<br/>NUMBER</b> | <b>SITE NAME</b>   | <b>TAX MAP<br/>KEY</b>     | <b>HAWAII<br/>REGISTER</b> | <b>NATIONAL<br/>REGISTER</b> |
|------------------------|--------------------|----------------------------|----------------------------|------------------------------|
| 80-03-181              | Ukanipo Heiau      | 8-1-01:19                  |                            | 8/13/82                      |
| 80-03-1183             | Ka'ena Complex     | 6-9-02:06,09<br>1-01:06,16 | 8- 6/9/88                  |                              |
| 80-03-2887             | Kea'au Talus Sites | 8-3-01:12                  | 9/14/85                    | 5/4/87                       |

# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME                                      | TAX MAP<br>KEY         | HAWAII<br>REGISTER | NATIONAL<br>REGISTER |
|----------------|--|------------------------|--------------------|----------------------|
| 80-04-218      | Kukaniloko Birthing Place<br>Boundary Revision | 7-1-01:04              | 4/16/94            | 4/11/73<br>2/9/95    |
| 80-04-226      | Pohaku Lanai                                   | 6-6-07:07              | 11/26/86           |                      |
| 80-04-1334     | Waialua Courthouse                             | 6-6-09:23              | 2/20/79            |                      |
| 80-04-1337     | Kawailoa Ryusenji Temple<br>(demolished)       | 6-1-05:01              |                    | 11/21/78             |
| 80-04-1348     | Waialua School (Hale'iwa<br>Elementary School) | 6-6-13:12<br>(portion) | 5/3/80             | 8/11/80              |
| 80-04-9834     | Kealii O Ka Malu Church                        | 6-6-08:17              | 8/26/00            |                      |

## National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME                                | TAX MAP<br>KEY | HAWAII<br>REGISTER | NATIONAL<br>REGISTER |
|----------------|--|----------------|--------------------|----------------------|
| 80-05-9746     | William L. & Mary T. Hopper<br>Residence | 7-5-27:10      | 6/2/90             |                      |

# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME                             | TAX MAP<br>KEY                                    | HAWAI'I<br>REGISTER | NATIONAL<br>REGISTER         |
|----------------|---------------------------------------|---|---------------------|------------------------------|
| 80-06-293      | Hanawao Heiau                         | 5-2-02:01   | 1/29/81             |                              |
| 80-06-301      | Huilua Fishpond                       | 5-2-05:21   | 2/20/79             | 12/29/62 1966<br>NHL         |
| 80-06-313      | Moli'i Fishpond                       | 4-9-03:01,02,<br>12,13,14,15,<br>16,18            |                     | 12/5/72                      |
| 80-06-528      | Kualoa Ahupuaa Historical<br>District | 4-9-04:01, 4-9-<br>05:01, portion of<br>4-9-06:01 |                     | 10/16/74                     |
| 80-06-1003     | 80-06-1003                            | 5-1-05:01   | 1/29/81             |                              |
| 80-06-1078     | Waikane Taro Flats                    | 4-8-06:01; 4-8-<br>14:04,06                       |                     | 4/11/73<br>Revised<br>2/4/85 |
| 80-06-1101     | Small Heiau                           | 4-9-04, 4-9-05                                    |                     | 3/14/73                      |
| 80-06-9803     | The Coral House                       | 4-9-08:12   | 7/19/97             |                              |
| 80-06-9815     | Waikane Store                         | 4-8-03:01<br>(portion)                            | 7/25/98             |                              |



# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME                              | TAX MAP<br>KEY            | HAWAII<br>REGISTER | NATIONAL<br>REGISTER |
|----------------|--|---------------------------|--------------------|----------------------|
| 80-07-1181     | Wai'anae District                      | 8-5-02: 19, 22,<br>24, 25 |                    | 1/21/74              |
| 80-07-9993     | Wai'anae Plantation<br>Manager's House | 8-5-03:11                 | 2/20/79            |                      |

# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME                                       | TAX MAP<br>KEY | HAWAII<br>REGISTER | NATIONAL<br>REGISTER |
|----------------|---|----------------|--------------------|----------------------|
| 80-08-149      | Nioiula Heiau                                   | 8-8-01:01      | 7/18/78            |                      |
| 80-08-1179     | Wet Taro System                                 | 8-5-06:01      | 11/26/86           |                      |
| 80-08-1385     | Wheeler Field Wheeler AFB                       | 7-7, Various   |                    | 5/28/87              |
| 80-08-9708     | Waialua Agricultural Company<br>Engine Number 6 | 9-1-17:49      |                    | 8/19/74              |
| 80-08-9756     | Kamaunu Residence                               | 8-9-06:39      | 7/17/92            |                      |
| 80-08-9761     | Railway Rolling Stock                           | 9-1-17:49      | 9/28/92            |                      |
| 80-08-9807     | Schofield Barracks Historic                     | 7-7, Various   | 9/27/97            | 7/31/98              |
| 80-08-9808     | Schofield Barracks Stockade                     | 7-7, Various   | 9/27/97            | 8/24/98              |

# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME   | TAX MAP<br>KEY                   | HAWAII<br>REGISTER              | NATIONAL<br>REGISTER |
|----------------|---|----------------------------------|---------------------------------|----------------------|
| 80-09-107      | Keaiwa Heiau  | 9-9-11:01, 02,<br>03, 04, 05, 06 | 2/20/79                         | 11/9/72              |
| 80-09-1345     | Wakamiya Inari Shrine                                       | 9-4-10:41, 98                    | 8/31/79                         | 1/8/80               |
| 80-09-1375     | Tsoong Nyee Society Cook House                              | 9-4-10:04<br>(portion)           | 11/26/86                        |                      |
| 80-09-9777     | Kipapa School Building B                                    | 9-5-21:02<br>(portion)           | 10/31/94                        |                      |
| 80-09-9786     | Honolulu Plantation Company<br>Aiea Sugar Mill - DEMOLISHED | 9-9-05:10, 25                    | 9/9/1995,<br>Removed<br>8/29/98 | 1/11/96              |
| 80-09-9802     | Honolulu Plantation Manager's<br>Residence                  | 9-8-30:50                        | 7/19/97                         |                      |

# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME   | TAX MAP<br>KEY           | HAWAII<br>REGISTER | NATIONAL<br>REGISTER    |
|----------------|---|--------------------------|--------------------|-------------------------|
| 80-10-93       | Pohaku ka Luahine   | 1-1-13:01                |                    | 7/23/73                 |
| 80-10-319      | Kahalu'u Fishpond<br>(Kahouna Fishpond)                       | 4-7-11:01                |                    | 3/14/73                 |
| 80-10-327      | He'eia Fishpond   | 4-6-05:01                |                    | 1/17/73                 |
| 80-10-329      | Leleahina Heiau   | 4-6-14:05                |                    | 3/20/73                 |
| 80-10-344      | Kanohuluiwi Pond  | 4-5-57:01,09             |                    | 4/25/80 E               |
| 80-10-354      | Kawa'ewa'e Heiau  | 4-5-33:01                |                    | 8/21/72                 |
| 80-10-1153     | Kapapa Island Complex   | 4-4-08:04                | 1/29/81            | 8/21/72                 |
| 80-10-1165     | Kahalu'u Taro Loi   | 4-7-51:04                |                    | 3/14/73                 |
| 80-10-1360     | Kane'ohe Ranch Building                                       | 4-5-35:03                | 6/27/83            | 6/5/87                  |
| 80-10-1383     | Edric Cook Residence  | 4-3-25:35                | 8/15/87            |                         |
| 80-10-1386     | Kane'ohe Naval Air Station                                    | 4-4-08:01<br>4-4-Various |                    | 5/28/1987<br>9/7/87 NHL |
| 80-10-2914     | Luluku Discontiguous<br>Archaeological District<br>(17 sites) | 4-5-41:Various           |                    | 3/4/86 E                |
| 80-10-9747     | Gerald A. Dolan Residence                                     | 4-4-06:09,15             | 6/2/90             |                         |



# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME  | TAX MAP<br>KEY           | HAWAII<br>REGISTER | NATIONAL<br>REGISTER |
|----------------|--|--------------------------|--------------------|----------------------|
| 80-11-359      | Pahukini Heiau   | 4-2-15:03                |                    | 9/11/72              |
| 80-11-371      | Ulu Po Heiau   | 4-2-13:31                | 9/21/81            | 11/9/72              |
| 80-11-1002     | Mokapu Peninsula Fishpond<br>Complex (Nu'upia Ponds)   | 4-4-08:01, 4-4-<br>10:01 |                    | 8/8/84 E             |
| 80-11-1017     | 80-11-1017   | 4-4-08:01                | 7/25/81            | 11/15/72             |
| 80-11-1362     | Kawailoa Training School for<br>Girls (Girls' Industrial School,<br>five bldgs. also in Quad 15)<br><br>a. Hilltop Cottage,<br>b. Manoa Cottage,<br>c. Gymnasium,<br>d. Hookipa Cottage,<br>e. Maluhia Cottage | 4-2-06:02                | 11/5/84            |                      |
| 80-11-2029     | Archaeological Site 7, Kawainui<br>Marsh   | 4-2-Various              |                    | 7/13/79 E            |
| 80-11-9748     | Mark Robinson Beach House  | 4-3-18:45                | 6/29/90            |                      |
| 80-11-9760     | Boettcher Residence  | 4-3-16:04                | 9/28/92            |                      |
| 80-11-9763     | McCorriston Beach House  | 4-3-06:58                | 6/28/93            |                      |

# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME  | TAX MAP<br>KEY   | HAWAII<br>REGISTER | NATIONAL<br>REGISTER    |
|----------------|--|--|--------------------|-------------------------|
| 80-12-2722     | Beach Midden Site  | 9-1-74:36  | 7/25/81            |                         |
| 80-12-2873     | One'ula Archaeological District<br>(Also in Quad 13)                 | 9-1-12: Various  |                    | 9/29/86 E               |
| 80-12-2888     | Barbers Point Harbor<br>Archaeological District<br>Boundary Revision | 9-1 Various  |                    | 6/10/77 E<br>12/28/79 E |
| 80-12-9714     | Oahu Railway & Land<br>Company Right-of-Way                          | 8-9 & 9-1  |                    | 12/1/75                 |
| 80-12-9786     | `Ewa Plantation Villages   | 9-1-17: por. of<br>01,02,46,69, all<br>of 38, 9-1-95:01-<br>164, 9-1-96:01-<br>127, 9-1-97:01-<br>104, 9-1-101:01-<br>75 | 2/24/96            |                         |

# National and State Register of Historic Places

| SITE NUMBER | SITE NAME  | TAX MAP KEY   | HAWAII REGISTER | NATIONAL REGISTER       |
|-------------|--|---|-----------------|-------------------------|
| 80-13-143   | 'Oki'okiolepe Pond   | 9-1-01:01   |                 | 3/14/73                 |
| 80-13-1356  | U.S.S. Bowfin  | 9-9-03:31   | 7/30/82         | 11/16/82<br>1/14/86 NHL |
| 80-13-1376  | Hickam Air Force Base  | 9-9 Various   |                 | 9/16/85 NHL             |
| 80-13-1382  | ARTILLERY DIST. OF HON.:<br>Battery Hasebrouck<br>Battery Hawkins<br>Battery Hawkins Annex<br>Battery Jackson<br>Battery Selfridge<br>Battery Randolph | 9-9-01:13<br>9-9-01:13<br>9-9-01:13<br>9-9-01:13<br>9-9-01:13<br>2-6-05:01                  |                 | 6/5/84                  |
| 80-13-1384  | CINCPAC FLT Headquarters,<br>Commander in Chief, Pacific<br>Fleet, Pearl Harbor, Makalapa  | 9-9-02:04<br>(portion)  |                 | 5/28/1987<br>9/7/87 NHL |
| 80-13-2873  | One'ula Archaeological District<br>(Also in Quad 12)   | 9-1-12: Various   |                 | 9/28/86 E               |
| 80-13-9817  | U.S.S. Missouri  | 9-9-03  |                 | 5/14/71                 |
| 80-13-9992  | Pearl Harbor Naval Base  | 9-1-Various,<br>9-4-Various,<br>9-6-Various,<br>9-7-Various,<br>9-8-Various,<br>9-9-Various |                 | 1/29/64<br>1966 NHL     |
|             | Moanalua Valley  | 1-1-01:Various  |                 | 3/29/74 E               |
|             | Fort Kamehameha Housing  | 9-9-01:13,14  |                 | 1/24/84 E               |

# National and State Register of Historic Places

| SITE NUMBER | SITE NAME  | TAX MAP KEY   | HAWAII REGISTER | NATIONAL REGISTER |
|-------------|--|---|-----------------|-------------------|
| 80-14-409   | Kaniakapupu  | 2-2-54:01   | 6/13/86         | 10/15/86          |
| 80-14-1161  | Nu'uanu Petroglyph Complex   | 2-2-21:07, 2-2-20:14  | 2/20/79         | 3/14/73           |
| 80-14-1300  | Puowaina - Hill of Sacrifice<br>(Punchbowl National Cemetery of the Pacific) | 2-2-05:<br>01,02,19,33  |                 | 1/11/76           |
| 80-14-1321  | HAWAII CAPITAL HISTORIC DISTRICT<br>Includes the following 20 sites:         | 2-1-16:01<br>2-1-17:<br>01,02,09<br>2-1-18:<br>01,02,04<br>2-1-24:All<br>2-1-26:01,03<br>2-1-32:17<br>2-1-32:22-24<br>2-1-33:07 |                 | 12/1/78           |
| 80-14-1307  | State Capitol/Grounds  | 2-1-24:All  |                 | 6/19/73           |
| 80-14-1307  | YMCA   | 2-1-17:01,02  |                 | 12/1/78           |
| 80-14-1307  | YWCA   | 2-1-17:09   |                 | 12/1/78           |
| 80-14-1307  | Hawaiian Electric Company  | 2-1-16:01   |                 | 12/1/78           |
| 80-14-1307  | Territorial Office Building  | 2-1-25:03   |                 | 12/1/78           |
| 80-14-1307  | Hawaii State Library   | 2-1-25:01   |                 | 12/1/78           |
| 80-14-1307  | Honolulu Hale/Grounds  | 2-1-33:07   |                 | 12/1/78           |
| 80-14-1307  | Mission Memorial Building  | 2-1-33:07   |                 | 12/1/78           |
| 80-14-1307  | The Kamehameha Statue  | 2-1-25:03   |                 | 12/1/78           |
| 80-14-1307  | State Tax Office   | 2-1-26:22   |                 | 12/1/78           |
| 80-14-9907  | Washington Place/Grounds   | 2-1-18:01   |                 | 6/18/73           |
| 80-14-9908  | Ali'iolani Hale  | 2-1-25:03   |                 | 2/2/72            |
| 80-14-9912  | 'Iolani Palace/Grounds<br>(includes Old Archives Building and Old Mausoleum) | 2-1-25:02   |                 | 12/29/62 NHL      |
| 80-14-9912  | 'Iolani Palace Bandstand   | 2-1-25:02   |                 | 12/1/78           |
|             | HAWAII CAPITAL HISTORIC DISTRICT (continued)                                 |   |                 |                   |

# National and State Register of Historic Places

| SITE NUMBER | SITE NAME  | TAX MAP KEY            | HAWAII REGISTER | NATIONAL REGISTER  |
|-------------|--|------------------------|-----------------|--------------------|
| 80-14-9918  | Iolani Barracks  | 2-1-25:02              |                 | 12/1/78            |
| 80-14-9952  | U.S. Post Office, Custom House and Court House (Federal                        | 2-1-25:04              |                 | 1/27/75            |
| 80-14-9970  | Kapuaiwa Building  | 2-1-25:03              |                 | 7/2/73             |
| 80-14-9991  | Kawaiaha'o Church and Grounds (includes Lunalilo's Tomb and Adobe Schoolhouse) | 2-1-32:17              |                 | 12/29/62 NHL       |
| 80-14-9991  | Mission Houses   | 2-1-32:02              |                 | 12/29/62 NHL       |
| 80-14-1325  | Alfred Hocking House   | 2-4-27:65              | 8/24/84         | 11/15/84           |
| 80-14-1326  | John T. Waterhouse House   | 1-8-06:07              | 8/14/78         |                    |
| 80-14-1332  | The Hawai'i Theatre  | 2-1-03:14              | 3/3/78          | 11/14/78           |
| 80-14-1338  | U.S. Coast Guard Diamond Head Lighthouse                                       | 3-1-42:03              |                 | 10/31/80           |
| 80-14-1339  | Linekona School  | 2-4-02:20              | 12/17/79        | 5/28/80            |
| 80-14-1346  | FIRE STATIONS OF OAHU<br>Thematic Group:                                       |                        |                 |                    |
|             | Central Fire Station   | 2-1-9:26               | 7/19/80         | 12/2/80            |
|             | Kaimuki Fire Station   | 3-2-36:07<br>(portion) | 7/19/80         | 12/2/80            |
|             | Kalihi Fire Station  | 1-3-05:22<br>(portion) | 7/19/80         | 12/2/80            |
|             | Makiki Fire Station  | 2-4-29:29<br>(portion) | 7/19/80         | 12/2/80            |
|             | Old Kakaako Fire Station   | 2-1-31:18              | 7/19/80         | 12/2/80            |
| 80-14-1302  | Palama Fire Station  | 1-5-05:14              | 7/19/80         | 4/21/76<br>12/2/80 |
|             | Waialua Fire Station   | 6-6-13:03<br>(portion) | 7/19/80         | 12/2/80            |



# National and State Register of Historic Places

| SITE NUMBER | SITE NAME  | TAX MAP KEY  | HAWAII REGISTER                                    | NATIONAL REGISTER |
|-------------|--|--|--|-------------------|
| 80-14-1347  | John Guild Residence   | 2-8-16:28  | 2/28/80  | 8/1/80            |
| 80-14-1349  | Ernest Shelton Van Tassel House (Nutridge)   | 2-5-19:04  | 9/21/81  | 12/16/81          |
| 80-14-1350  | Fort Ruger Historical District   | 3-1-42:09,20   | 11/19/82   | 7/14/83           |
| 80-14-1352  | UNIVERSITY OF HAWAII:<br>Hawaii Hall,<br>George Hall,<br>Dean Hall,<br>Gartley Hall,<br>Crawford Hall,<br>Varney Circle,<br>Founders Gate,<br>Andrews Amphitheater,<br>Wist Hall,<br>Pineapple Research Center | 2-8-15:01<br><br><br><br><br><br><br><br><br>2-8-23:03 | 3/19/84<br><br><br><br><br><br><br><br><br>8/24/84 |                   |
| 80-14-1353  | Bishop Museum Complex  | 1-6-   | 9/10/80  | 7/26/82           |
| 80-14-1354  | Lihikai (George R. Carter House)   | 2-2-50:<br>12,36,42,43                                 | 9/29/80  | 7/26/82           |
|             | Boundary Increase  | 2-2-50:57  | 11/26/86   | 6/5/87            |
| 80-14-1357  | Joseph W. Podmore Building (Bon Bon Cafe)  | 2-1-16:04  | 11/19/82   | 3/24/83           |
| 80-14-1358  | Dr. Archibald Sinclair Residence   | 2-9-15:23  | 6/27/83  | 10/13/83          |
| 80-14-1359  | Grace Cooke Residence  | 2-9-05:56  | 6/27/83  | 10/24/83          |
| 80-14-1361  | George D. Oakley Residence   | 2-8-19:46  |  | 11/15/84          |

# National and State Register of Historic Places

| SITE NUMBER | SITE NAME   | TAX MAP KEY | HAWAII REGISTER | NATIONAL REGISTER |
|-------------|---|-------------|-----------------|-------------------|
| 80-14-1363  | C. W. Dickey House  | 3-1-33:18   | 8/24/84         | 11/1/84           |
| 80-14-1366  | Clarence Cooke Residence  | 1-9-05:04   | 9/14/85         | 8/20/86           |
| 80-14-1367  | Edgar & Lucy Henriques House  | 1-9-09:16   | 8/24/84         | 11/1/84           |
| 80-14-1368  | Charles Montague Cooke, Jr., Residence                                      | 2-9-19:35   | 11/5/84         | 10/31/85          |
|             | Boundary Revision, Add  | 2-9-19:43   | 9/9/95          | 8/30/00           |
| 80-14-1369  | R. N. Linn Residence  | 2-8-19:36   | 9/14/85         | 8/20/86           |
| 80-14-1370  | Eyman-Judson Residence  | 2-9-39:01   | 11/12/85        | 8/20/86           |
| 80-14-1371  | James L. Coke Residence   | 2-2-51:10   | 11/12/85        | 8/20/86           |
| 80-14-1373  | Honolulu English Tudor / French Norman Cottages, Thematic Group (17 sites): | Various     |                 |                   |
|             | 3023 Kalakaua Avenue  | 3-1-33:51   | 6/13/86         | 6/5/87            |
|             | 3023A Kalakaua Avenue   | 3-1-33:13   | 6/13/86         | 6/5/87            |
|             | 3023B Kalakaua Avenue   | 3-1-33:08   | 6/13/86         | 6/5/87            |
|             | 3027 Kalakaua Avenue  | 3-1-33:50   | 6/13/86         | 6/5/87            |
|             | 3033 Kalakaua Avenue  | 3-1-33:14   | 6/13/86         | 6/5/87            |
|             | 3033B Kalakaua Avenue   | 3-1-33:07   | 6/13/86         | 6/5/87            |
|             | 2311 Ferdinand Avenue   | 2-9-08:16   | 6/13/86         | 6/5/87            |
|             | 3581 Woodlawn Drive   | 2-9-48:07   | 6/13/86         | 6/5/87            |
|             | 2826 Coconut Avenue   | 3-1-33:46   | 6/13/86         | 6/5/87            |
|             | 4354 Kahala Avenue  | 3-5-13:08   | 6/13/86         | 6/5/87            |
|             | 4584 Kahala Avenue  | 3-5-04:12   | 6/13/86         | 6/5/87            |
|             | 4850 Kahala Avenue  | 3-5-07:01   | 6/13/86         | 6/5/87            |
|             | 3029 Felix Street   | 3-3-53:25   | 6/13/86         | 6/5/87            |
|             | 2958 Pali Highway   | 1-8-11:07   | 6/13/86         | 6/5/87            |
|             | 4109 Black Point Road   | 3-5-01:26   | 6/13/86         | 6/5/87            |
|             | 3050 Kiele Avenue   | 3-1-33:28   | 11/26/86        | 11/26/86          |
|             | 2830 Coconut Avenue   | 3-1-33:45   | 11/26/86        | 11/26/86          |

# National and State Register of Historic Places

| SITE NUMBER | SITE NAME   | TAX MAP KEY                 | HAWAII REGISTER | NATIONAL REGISTER |
|-------------|---|-----------------------------|-----------------|-------------------|
| 80-14-1374  | Austin Jones Residence                              | 2-9-02:13                   | 6/13/86         |                   |
| 80-14-1377  | Sacred Heart Church                                 | 2-8-12:68                   | 6/17/87         | 2/6/01            |
| 80-14-1378  | Robert M. Purvis Residence                          | 2-2-50:02                   | 6/17/87         |                   |
| 80-14-1379  | Emerald Building                                    | 2-1-10:41                   | 6/17/87         |                   |
| 80-14-1380  | OR&L Office & Document Storage Building and Station | 1-5-07:02                   | 8/17/87         | 2/12/79 E         |
| 80-14-1387  | Frederick G. Krauss Residence                       | 2-9-12:29, 70               | 6/9/88          |                   |
| 80-14-1388  | C&C OF HONOLULU ART DECO PARKS Thematic Group:      | Various                     | 6/9/88          |                   |
|             | Ala Moana Park                                      | 2-3-37:01                   | 6/9/88          |                   |
|             | Ala Wai Park Clubhouse                              | 2-7-36:05                   | 6/9/88          |                   |
|             | Haleiwa Beach Park                                  | 6-2-01:02                   | 6/9/88          |                   |
|             | Kawananakoa Playground                              | 2-2-09:11 (por) 2-2-09:12   | 6/9/88          |                   |
|             | Mother Waldron Playground                           | 2-1-51:05                   | 6/9/88          |                   |
| 80-14-1389  | Foster Botanic Garden                               | 1-7-07:01, 02; 1-7-08:01,02 | 6/9/88          | 5/13/93           |
| 80-14-9700  | Falls of Clyde                                      | 2-1-01:60                   |                 | 7/2/73            |
| 80-14-9701  | War Memorial Natatorium                             | 3-1-31:03                   | 5/3/80          | 8/11/80           |
| 80-14-9709  | Fort Shafter, Palm Circle, 100 Area                 | 1-1-08:05                   |                 | 10/26/84          |
| 80-14-9710  | Kaka'ako Pumping Station                            | 2-1-15:43, 44               | 8/17/77         | 10/4/78           |

# National and State Register of Historic Places

| SITE NUMBER | SITE NAME  | TAX MAP KEY   | HAWAII REGISTER | NATIONAL REGISTER |
|-------------|--|---------------|-----------------|-------------------|
| 80-14-9713  | Georges de S. Canavarro House                      | 1-8-26:05     | 1/7/80          | 5/28/80           |
| 80-14-9716  | J. P. Mendonca Residence                           | 2-5-04:09     | 3/15/86         | 10/7/86           |
| 80-14-9717  | TANTALUS RESIDENCES<br>Thematic Group:             |               |                 |                   |
|             | Vincent and Eleanor Fullard-Leo Residence          | 2-5-16:24     | 6/9/88          |                   |
|             | James A. Wilder Residence                          | 2-5-17:11     | 6/9/88          |                   |
| 80-14-9717  | TANTALUS RESIDENCES<br>Thematic Group: (continued) |               |                 |                   |
| 80-14-9718  | Thomas Alexander<br>Burningham Residence           | 2-2-34:40, 41 | 9/30/88         | 10/13/93          |
| 80-14-9719  | Makiki Christian Church                            | 2-3-11:02     | 9/30/88         |                   |
| 80-14-9739  | Yee/Kobayashi Store                                | 2-1-49:08     | 8/30/89         |                   |
| 80-14-9740  | Saint Peter's Church                               | 2-1-18:02     | 8/30/89         |                   |
| 80-14-9741  | Robert Lynden Residence                            | 3-5-13:04     | 8/30/89         |                   |
| 80-14-9742  | Riley Allen Residence                              | 2-2-29:14     | 8/30/89         |                   |
| 80-14-9743  | George P. Castle Mountain<br>Residence             | 2-2-31:17     | 8/30/89         |                   |
| 80-14-9744  | John & Kate Kelly Residence                        | 3-1-41:10     | 8/30/89         | 8/27/91           |
| 80-14-9749  | Church of the Crossroads                           | 2-8-06:17     | 6/28/91         | 11/20/92          |

# National and State Register of Historic Places

| SITE NUMBER | SITE NAME                                  | TAX MAP KEY  | HAWAII REGISTER | NATIONAL REGISTER |
|-------------|--|--|-----------------|-------------------|
| 80-14-9750  | A.T. Cooke and P.E. Spalding Residence     | 2-5-08:02  | 6/28/91         |                   |
| 80-14-9751  | H. Allen Cook Residence                    | 2-9-17:18  | 6/28/91         |                   |
| 80-14-9752  | Waioli Tea Room                            | 2-9-31:01  | 6/28/91         | 10/30/98          |
| 80-14-9753  | Castle Memorial Hall                       | 2-8-15:01  | 6/28/91         |                   |
| 80-14-9754  | Richard M. Botley Residence                | 3-1-34:12  | 6/28/91         |                   |
| 80-14-9755  | Mrs. Josephine Ketchum Residence           | 3-1-33:35  | 6/28/91         |                   |
| 80-14-9757  | Ala Wai Canal                              | 2-6-Various  | 7/17/92         | 10/28/85 E        |
| 80-14-9758  | Kapiolani Park                             | 3-1-30:01, 02, 03, 04; 3-1-31:03, 04, 05, 06, 07; 3-1-43:All except 04, 05, 11, 12 | 7/17/92         |                   |
| 80-14-9759  | Roosevelt High School                      | 2-4-32:02  | 7/17/92         |                   |
| 80-14-9762  | Hawaiian Canoe Malia                       | None   | 6/28/93         | 12/17/93          |
| 80-14-9764  | Ada Gartley Residence                      | 2-9-02:14  | 6/28/93         |                   |
| 80-14-9765  | Mabel Smyth Memorial Building              | 2-1-35:01  | 6/28/93         | 2/3/94            |
| 80-14-9766  | Board of Agriculture and Forestry Building | 2-4-05:18  | 6/28/93         |                   |
| 80-14-9767  | Thomas Victor King Residence               | 2-2-46:56  | 6/28/93         |                   |

# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME                    | TAX MAP<br>KEY         | HAWAII<br>REGISTER | NATIONAL<br>REGISTER |
|----------------|------------------------------|------------------------|--------------------|----------------------|
| 80-14-9768     | Farrington High School       | 1-6-21:05<br>(portion) | 6/28/93            |                      |
| 80-14-9769     | August C. Spoehler Residence | 2-9-16:25              | 6/28/93            |                      |
| 80-14-9770     | Eric Fennel Residence        | 2-9-08:23              | 9/1/93             |                      |
| 80-14-9771     | Joseph Pratt Residence       | 2-2-30:33              | 9/1/93             |                      |



# National and State Register of Historic Places

| SITE NUMBER | SITE NAME                         | TAX MAP KEY     | HAWAII REGISTER | NATIONAL REGISTER |
|-------------|-----------------------------------|-----------------|-----------------|-------------------|
| 80-14-9772  | John and Eleanor Freitas          | 2-5-04:07       | 9/1/93          |                   |
| 80-14-9773  | Egholm Residence                  | 3-1-33:20       | 8/29/94         |                   |
| 80-14-9774  | Central Intermediate School       | 2-1-09:01       | 10/29/94        | 2/11/04           |
| 80-14-9775  | Moir Residence                    | 2-2-49:25       | 10/29/94        |                   |
| 80-14-9776  | Lee Residence                     | 3-2-19:29       | 10/29/94        |                   |
| 80-14-9778  | Ewart Residence                   | 1-8-05:31,32    | 5/20/95         |                   |
| 80-14-9779  | Gilbert Residence                 | 2-9-06:09       | 5/20/95         |                   |
| 80-14-9780  | Stokes Residence                  | 2-9-09:15       | 5/20/95         |                   |
| 80-14-9781  | Sayers Residence                  | 2-9-06:21       | 5/20/95         |                   |
| 80-14-9782  | Guard Residence (Armstrong Manor) | 2-9-12:14       | 5/20/95         |                   |
| 80-14-9783  | Shields/Moore Residence           | 2-9-14:31       | 5/20/95         |                   |
| 80-14-9784  | Wright Residence                  | 2-9-32:27 (por) | 5/20/95         |                   |
| 80-14-9785  | MacIntyre Residence               | 2-9-03:02       | 5/20/95         |                   |
| 80-14-9787  | Austin Residence                  | 2-9-32:28       | 9/9/95          |                   |
| 80-14-9788  | Lyle Residence                    | 2-9-05:19       | 9/9/95          |                   |
| 80-14-9789  | Dyer Residence                    | 2-8-19:29       | 9/9/95          |                   |

# National and State Register of Historic Places

| SITE NUMBER | SITE NAME                             | TAX MAP KEY           | HAWAII REGISTER | NATIONAL REGISTER |
|-------------|---------------------------------------|-----------------------|-----------------|-------------------|
| 80-14-9790  | Jean Charlot Residence                | 3-5-08:29             | 6/1/96          | 11/30/00          |
| 80-14-9791  | Ripley Homestead                      | 1-8-03:02, 03, 04, 05 | 6/1/96          |                   |
| 80-14-9792  | Butler Residence                      | 2-8-19:13             | 9/3/96          |                   |
| 80-14-9793  | Day Residence                         | 2-9-15:39             | 9/3/96          |                   |
| 80-14-9794  | Pond Residence                        | 2-8-19:19             | 9/3/96          |                   |
| 80-14-9795  | Coxhead Residence                     | 2-9-16:13             | 11/2/96         |                   |
| 80-14-9796  | Kaimuki Reservoir, Kaimuki Scout Bowl | 3-2-35:12 (portion)   | 11/2/96         |                   |
| 80-14-9797  | Machado Residence                     | 2-2-07:01, 02, 03, 37 | 11/2/96         |                   |
| 80-14-9798  | Kay Residence                         | 1-8-29:01             | 3/8/97          |                   |
| 80-14-9799  | Scott Residence                       | 2-9-32:40             | 3/8/97          |                   |
| 80-14-9800  | Johnny Noble Residence                | 2-9-14:43             | 3/8/97          |                   |
| 80-14-9801  | Houvener Residence                    | 2-5-04:16             | 3/8/97          |                   |
| 80-14-9804  | Bayer Residence                       | 3-6-03:12             | 7/19/97         |                   |
| 80-14-9805  | Schieber Residence                    | 2-9-07:09             | 7/19/97         |                   |
| 80-14-9806  | Cockburn Residence                    | 2-9-08:29             | 9/27/97         |                   |

# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME                      | TAX MAP<br>KEY | HAWAII NATIONAL<br>REGISTER REGISTER |
|----------------|--------------------------------|----------------|--------------------------------------|
| 80-14-9809     | Manoa Chinese Cemetery         | 2-9-43-01      | 9/27/97                              |
| 80-14-9810     | Paris Residence                | 2-5-09:15      | 9/27/97                              |
| 80-14-9811     | C.W. Case Deering Residence    | 2-5-16:30      | 4/25/98                              |
| 80-14-9812     | Erickson/Meyer/Furer Residence | 2-9-08:36      | 4/25/98                              |
| 80-14-9813     | Peterson Residence             | 2-9-32:12      | 4/25/98                              |
| 80-14-9814     | Jones/Lewis Residence          | 2-9-01:25      | 4/25/98                              |
| 80-14-9818     | Yanagihara Residence           | 3-2-17:10      | 8/29/98                              |
| 80-14-9819     | The Martin House               | 3-1-15:53      | 8/29/98                              |
| 80-14-9820     | Bush Residence                 | 2-9-32:24      | 8/29/98                              |
| 80-14-9821     | Good Residence                 | 2-9-08:21(1)   | 8/29/98                              |
| 80-14-9822     | Hatch Residence                | 2-9-34:06      | 4/24/99                              |
| 80-14-9823     | Bicknell Residence             | 2-9-06:12      | 8/21/99                              |
| 80-14-9824     | East-West Center Complex       | 2-8-23:05      | 8/21/99                              |
| 80-14-9825     | Tennent Art Foundation Gallery | 2-2-03:75, 76  | 8/21/99                              |
| 80-14-9826     | May/Spalding Residence         | 2-9-06:08      | 8/21/99                              |
| 80-14-9827     | 3029 Oahu Avenue               | 2-9-32:53      | 12/4/99                              |

# National and State Register of Historic Places

| SITE NUMBER | SITE NAME                                   | TAX MAP KEY   | HAWAII REGISTER | NATIONAL REGISTER |
|-------------|---|---------------|-----------------|-------------------|
| 80-14-9828  | 3033 Oahu Avenue                            | 2-9-32:19     | 12/4/99         |                   |
| 80-14-9829  | Irwin Memorial Park                         | 2-1-13:07     | 12/4/99         |                   |
| 80-14-9830  | Hawaii Shingon Mission                      | 2-3-18:04     | 8/26/00         | 4/26/02           |
| 80-14-9831  | Crutchfield Residence                       | 3-3-26:09     | 8/26/00         |                   |
| 80-14-9832  | Bryan Residence                             | 2-9-16:15     | 8/26/00         |                   |
| 80-14-9833  | Hale Hani Court                             | 3-3-32:19     | 8/26/00         |                   |
| 80-14-9834  | Biggs Residence                             | 3-2-16:05     | 8/25/01         |                   |
| 80-14-9835  | Residence at 1519 Oliver Street             | 2-8-13:82     | 8/25/01         |                   |
| 80-14-9836  | Greenwell House                             | 2-5-01:05     | 8/25/01         |                   |
| 80-14-9837  | Yodor House                                 | 2-4-23:08, 69 | 6/29/02         |                   |
| 80-14-9838  | Haumalu/Gerbode Estate                      | 3-1-36:09     | 6/29/02         |                   |
| 80-14-9839  | COLLEGE HILLS TRACT<br>THEMATIC NOMINATION: | Various       | 8/24/02         |                   |
|             | Yoder Residence                             | 2-9-06:22     | 8/24/02         |                   |
|             | Arthur Andrews Residence                    | 2-9-06:11     | 8/24/02         |                   |
|             | Snyder Residence                            | 2-9-11:10     | 8/24/02         |                   |
|             | Perry Residence                             | 2-9-11:15     | 8/24/02         |                   |
|             | Reed Residence                              | 2-9-01:10     | 8/24/02         |                   |
|             | Miller Residence                            | 2-9-07:08     | 8/24/02         |                   |
|             | Morris Residence                            | 2-9-06:20     | 8/24/02         |                   |
|             | Winant Residence                            | 2-9-07:21     | 8/24/02         |                   |
|             | Potter Residence                            | 2-8-22:20     | 8/24/02         |                   |

# National and State Register of Historic Places

| SITE NUMBER | SITE NAME                                    | TAX MAP KEY   | HAWAII REGISTER | NATIONAL REGISTER |
|-------------|--|---|-----------------|-------------------|
|             | COLLEGE HILLS TRACT:<br>(continued)          |   |                 |                   |
|             | Pell Residence                               | 2-9-05:35   | 8/24/02         |                   |
|             | Ida Macdonald Residence                      | 2-9-06:23   | 8/24/02         |                   |
|             | Marques Residence                            | 2-9-06:14   | 8/24/02         |                   |
|             | Frank C. Atherton House                      | 2-9-02:12   | 8/24/02         |                   |
|             | Hottel Residence                             | 2-9-01:41   | 8/24/02         |                   |
|             | Hitchcock House                              | 2-9-05:24   | 8/24/02         |                   |
|             | Abel Residence                               | 2-8-20:12   | 8/24/02         |                   |
|             | Thompson House                               | 2-8-20:11   | 8/24/02         |                   |
|             | Bredhoff House                               | 2-9-12:24   | 8/24/02         |                   |
|             | Steere Residence                             | 2-9-07:06   | 8/24/02         |                   |
|             | Glazier Residence                            | 2-8-20:14   | 8/24/02         |                   |
| 80-14-9900  | Dillingham Transportation                    | 2-1-14:03   |                 | 9/7/79            |
| 80-14-9901  | Moana Hotel                                  | 2-6-01:12   |                 | 8/7/72            |
| 80-14-9903  | Kamehameha V Post Office                     | 2-1-02-12   | 2/20/79         | 5/5/72            |
| 80-14-9904  | Queen Emma's Summer Home<br>(Hanaiakamalama) | 2-2-34:27   | 8/11/78         | 8/7/72            |
| 80-14-9905  | Merchant Street Historic District            | 1-7-02:35, 36; 2-1-02:12, 2-1-02:12, 19, 20, 24, 32, 33, 34, 35 |                 | 6/28/73           |
| 80-14-9906  | Our Lady of Peace Cathedral                  | 2-1-10:14   | 7/25/81         | 8/7/72            |
| 80-14-9909  | Royal Mausoleum                              | 2-2-21:12   | 1/29/81         | 8/7/72            |
| 80-14-9911  | Punahou School Campus                        | 2-8-18:01   |                 | 8/7/72            |
| 80-14-9917  | Royal Brewery                                | 2-1-31:21   |                 | 11/29/72          |

# National and State Register of Historic Places

| SITE NUMBER | SITE NAME                      | TAX MAP KEY                             | HAWAII REGISTER | NATIONAL REGISTER |
|-------------|--------------------------------|---|-----------------|-------------------|
| 80-14-9925  | Alexander & Baldwin Building   | 2-1-13:01                               | 6/2/79          | 9/7/79            |
| 80-14-9926  | McKinley High School           | 2-3-09:01<br>(portion)                  | 5/3/80          | 8/11/80           |
| 80-14-9929  | Aloha Tower                    | 2-1-01:13                               | 1/29/81         | 5/13/76           |
| 80-14-9938  | C. Brewer Building             | 2-1-13:03                               | 11/19/79        | 4/2/80            |
| 80-14-9964  | U.S. Immigration Office        | 2-1-15:18, 19                           |                 | 8/14/73           |
| 80-14-9983  | H. Alexander Walker Residence  | 1-8-08:01                               | 7/30/82         | 4/24/73           |
| 80-14-9986  | Chinatown Historical District  | 1-7-02, 03, 04                          |                 | 1/17/73           |
| 80-14-9989  | Honolulu Academy of Arts       | 2-4-14:21                               |                 | 3/25/72           |
| 80-14-9990  | Thomas Square                  | 2-4-01:01                               |                 | 4/25/72           |
| 80-14-9994  | Jones, Isabella Residence      | 2-2-44:24                               | 4/16/94         |                   |
|             | Brass Foundry                  | 2-1-49:54                               |                 | 1/24/79 E         |
|             | Hawaii Building                | 2-1-03:12                               |                 | 1/11/80 E         |
|             | Hotel Street Sidewalk Features | 1-7-03:Various 2-1-03:10,11, 12, 13, 14 |                 | 1/11/80 E         |
|             | J. Campbell Building           | 2-1-02:01 lots 5, 7, 11, 12             |                 | 1/11/80 E         |
|             | McCorriston Building           | 2-1-10:20                               |                 | 1/11/80 E         |



# National and State Register of Historic Places

| SITE<br>NUMBER | SITE NAME                                  | TAX MAP<br>KEY   | HAWAI'I<br>REGISTER | NATIONAL<br>REGISTER |
|----------------|--|------------------|---------------------|----------------------|
|                | Portland Building                          | 2-1-10:13        |                     | 1/24/79 E            |
|                | Tong Fat Company, Ltd.                     | 1-5-07:03        |                     | 1/11/80 E            |
|                | Kalakaua Avenue Bridge                     | 2-6-Various      |                     | 10/28/85 E           |
|                | Advertiser Building                        | 2-1-47:04        |                     | 1/24/79 E            |
| 80-14-9891     | Chaffee House                              | 2-9-005:022      | 8/2/03              |                      |
| 80-14-9842     | Richards/Goodale Residence                 | 2-2-045:004, 005 | 8/2/03              |                      |
| 80-14-9843     | Davis Residence                            | 2-9-006:024      | 8/2/03              |                      |
| 80-14-9844     | Lukens Residence                           | 2-2-047:012      | 8/2/03              |                      |
| 80-14-9845     | Alice K. Rodenhurst Residence              | 3-2-047:036      | 8/2/03              |                      |
| 80-14-9846     | Lanikai Monument                           | 4-3-009:001      | 8/2/03              |                      |
| 80-14-9847     | Moanalua Community Church                  | 1-1-010:034      | 8/2/03              |                      |
| 80-14-9848     | Kyoto Gardens of Honolulu<br>Memorial Park | 2-2-020:001      | 11/22/03            | 2/11/04              |
| 80-14-9849     | Hugh G. Peterson, Jr. Residence            | 2-5-008:004      | 11/22/03            |                      |
| 80-14-9850     | Cooke-Spalding Residence                   | 2-5-008:001      | 11/22/03            |                      |
| 80-14-1346     | Kakaako Fire Station                       | 2-1-31:18        | 2/8/04              |                      |
| 80-14-9851     | Kaumakapili Church                         | 1-7-31:49        | 9/18/04             |                      |

# National and State Register of Historic Places

| SITE NUMBER     | SITE NAME  | TAX MAP KEY  | HAWAII REGISTER | NATIONAL REGISTER |
|-----------------|--|--|-----------------|-------------------|
| 80-15-02        | Makani'olu Shelter                               | 3-8-04:01  | 9/2/78          |                   |
| 80-15-372       | Kukuipilau Heiau                                 | 4-2-06:02  | 9/14/84         | 11/16/84          |
| 80-15-382       | Pohakunui Heiau                                  | 4-1-27:22  | 9/5/78          |                   |
| 80-15-489 & 490 | Koa (Rabbit Island)                              | 4-1-14:09  | 1/29/81         |                   |
| 80-15-511       | Bellows Field Archaeological Area                | 4-1-15:01, 15  |                 | 8/14/73           |
| 80-15-516       | Waimanalo Taro Terraces                          | 4-1-10:01  | 6/17/87         |                   |
| 80-15-1031      | Heiau  | 4-1-08:05  | 1/29/81         |                   |
| 80-15-1037      | Pahonu Turtle Pond                               | 4-1-02:07  | 9/2/78          |                   |
| 80-15-1355      | U.S. Coast Guard Makapuu Point Lighthouse        | 3-9-11:01  |                 | 12/7/77           |
| 80-15-1362      | Kawailoa Training School for Girls (See Quad 11) | 4-2-06:02  | 11/5/84         |                   |
| 80-15-4042      | Waimanalo Ditch System                           | Portion of: 4-1-08, 4-1-10, 4-1-11, 4-1-13, 4-2-09, 4-2-10, 4-2- |                 | 9/18/81 E         |

**National and State Register of Historic Places  
(Recent Additions/Changes)**

| <b>SITE<br/>NUMBER</b> | <b>SITE NAME</b>                            | <b>TAX MAP<br/>KEY</b> | <b>HAWAII<br/>REGISTER</b> | <b>NATIONAL<br/>REGISTER</b> |
|------------------------|---|------------------------|----------------------------|------------------------------|
| <b>HAWAII ISLAND</b>   |   |                        |                            |                              |
| 10-37-23, 661          | Holualoa 4 Archaeological District          | 7-7-004                | 8/2/03                     | 6/8/05                       |
| 10-06-7523             | Waimea Elementary School                    | 6-5-07:03              | 3/29/03                    |                              |
| 10-35-7455             | Thomas Guard House                          | 2-3-15:20              | 3/29/03                    |                              |
| 10-06-7456             | Wai`au`ia Ranch (Anna Ranch)                | (3) 6-5-006, 003       | 7/30/05                    |                              |
| 10-06-7457             | Kawabata Family Home (Waimea Paniolo House) | (3) 6-5-001:145        | 7/30/05                    |                              |
| <b>KAUA`I</b>          |   |                        |                            |                              |
| 30-02-9396             | Kauai Belt Road                             | Multiple               |                            | 2/11/04                      |
| 30-03-9396             | Kauai Belt Road                             | Multiple               |                            | 2/11/04                      |
| 30-08-9397             | Pu`u`opae Bridge                            | 4-4-002                | 9/18/04                    | 5/25/05                      |
| <b>MAUI</b>            |   |                        |                            |                              |
| 50-10-1540             | Kula Sanitorium                             | 2-2-004:034            | 11/22/03                   |                              |
| 50-04-1541             | Naniloa Drive Overpass Bridge               | (2) 3-4                | 7/30/05                    |                              |

**National and State Register of Historic Places  
(Recent Additions/Changes)**

| <b>SITE<br/>NUMBER</b> | <b>SITE NAME</b>                           | <b>TAX MAP<br/>KEY</b> | <b>HAWAII<br/>REGISTER</b> | <b>NATIONAL<br/>REGISTER</b> |
|------------------------|--|------------------------|----------------------------|------------------------------|
| <b>O`AHU</b>           |  |                        |                            |                              |
| 80-14-9891             | Chaffee House                              | 2-9-005:022            | 8/2/03                     |                              |
| 80-14-9842             | Richards/Goodale Residence                 | 2-2-045:004 &<br>005   | 8/2/03                     |                              |
| 80-14-9843             | Davis Residence                            | 2-9-006:024            | 8/2/03                     |                              |
| 80-14-9844             | Lukens Residence                           | 2-2-047:012            | 8/2/03                     |                              |
| 80-14-9845             | Alice K. Rodenhurst Residence              | 3-2-047:036            | 8/2/03                     |                              |
| 80-14-9846             | Lanikai Monument                           | 4-3-009:001            | 8/2/03                     |                              |
| 80-14-9847             | Moanalua Community Church                  | 1-1-010:034            | 8/2/03                     |                              |
| 80-14-9848             | Kyoto Gardens of Honolulu<br>Memorial Park | 2-2-020:001            | 11/22/03                   | 2/11/04                      |
| 80-14-9849             | Hugh G. Peterson, Jr. Residence            | 2-5-008:004            | 11/22/03                   |                              |
| 80-14-9850             | Cooke-Spalding Residence                   | 2-5-008:001            | 11/22/03                   |                              |
| 80-14-1346             | Kaka`ako Fire Station                      | 2-1-31:18              | 2/8/04                     |                              |
| 80-14-9774             | Central Intermediate School                | 2-1-09:01              | 10/29/94                   | 2/11/04                      |
| 80-14-9851             | Kaumakapili Church                         | 1-7-31:49              | 9/18/04                    |                              |
| 80-14-9852             | Thrum House                                | 2-8-20-40              | 6/25/05                    |                              |
| 80-14-9853             | Albert R. "Sunny" Cunha House              | (1) 3-3-007:012        | 7/30/05                    |                              |



## **SECTION 3**

### **Archaeological Survey Report**

*T. S. Dye & Colleagues, Archaeologists, Inc.*

735 Bishop St., Suite 315, Honolulu, Hawai'i 96813

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Archaeological Assessment for the Proposed  
Verizon Wireless Lunalilo/Pearl City District Park  
Site No. 20050900690, 785 Ho'omaemae Street,  
Pearl City, 'Ewa, O'ahu Island  
TMK:(1)9-7-036:123 por.\*

Thomas S. Dye, Ph.D.      Elaine H. R. Jourdane

March 7, 2007

**Applicant:** Clayton Group Services.

**Applicant's Consultant:** T. S. Dye & Colleagues, Archaeologists, Inc.

**Location:** Pearl City District Park, 785 Ho'omaemae Street, Pearl City, O'ahu, Hawaii.

**Tax map key:** (1)9-7-036:123 por.

**Request:** The Proposed Verizon Wireless Lunalilo/Pearl City District Park Cell Site No.  
20050900690.

**Direct Effect:** No historic properties in area of potential effect (APE) for direct effects.

**Visual Effect:** No historic properties in area of potential effect for visual effects.

## 1 Introduction

At the request of Clayton Group Services, T. S. Dye & Colleagues, Archaeologists, Inc. conducted an archaeological assessment of a parcel at Pearl City District Park in Pearl City, O'ahu for the proposed Verizon Wireless cellular site. The primary focus of the project was on the discovery and appropriate treatment of historic properties within the area of potential effect. The goals of the archaeological investigation were to determine whether the installation of antennas and construction of an equipment facility will have direct or visual effects on historic properties.

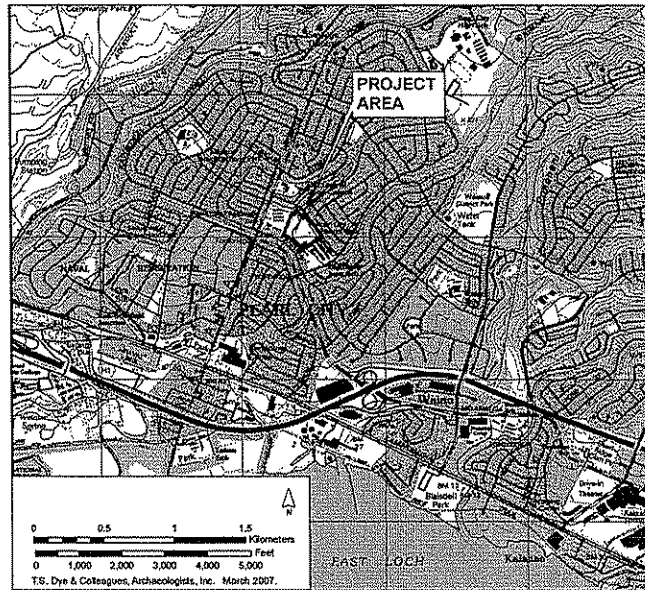
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\* Prepared for Clayton Group Services, Inc.



### 1.1 Project Area

Verizon Wireless proposes to replace an existing light pole with a stealth light pole and attach canister antennas at the top. In addition a  $12 \times 26$  ft. prefabricated equipment shelter will be installed within a  $475 \text{ ft.}^2$  area located 150 ft. southwest of the light pole. A 6 ft. high chain link fence will be installed around the enclosure. The finished height of the antenna light pole will be 71 ft. above ground surface. The  $830 \text{ ft.}^2$  lease parcel is located in the southwest portion of the 9.947 ac. parcel owned by the City and County of Honolulu and identified as TMK:(1)9-7-036:123 (fig. 1).



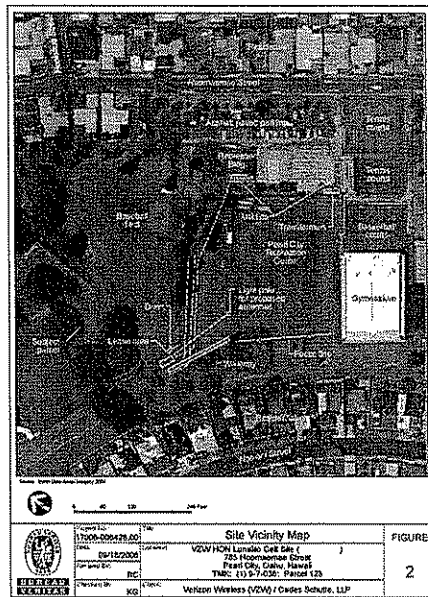
**Figure 1.** Verizon Wireless Lunalilo/Pearl City District Park project location at Pearl City, O'ahu on a portion of 1998 Waipahu quadrangle.

The proposed Verizon Wireless equipment shelter and light pole will be installed in an open area in the southwest portion of the existing district park. A gymnasium is located east of the proposed Verizon Wireless site and ball fields are north and northeast. Ground disturbance will include installation of the replacement light pole, equipment cabinets and utility conduits (fig. 2).

According to the FCC Nationwide Programmatic Agreement, the APE for direct effects on historic properties includes the area of potential ground disturbance during the installation of the tower, equipment shelter and utilities. The APE for visual effects on historic properties for a tower 200 ft. or less is the area within ca. 0.5 mi. of the tower.

### 1.2 Background Research

This archaeological assessment includes the review of historic documents, maps and archaeological reports on file at the State Historic Preservation Division library, the



**Figure 2.** Verizon Wireless Pearl Highlands project location at Lunalilo/ Pearl City District Park, courtesy of Clayton Group Services.

Hawaii State Archives and the State Bureau of Conveyances. No field inspection of the proposed site was conducted by T. S. Dye & Colleagues, Archaeologists, Inc.

### 1.2.1 Natural Setting

The Verizon Wireless project site lies at an elevation between 150–200 ft. above sea level. The soils underlying the area are classified as Lahaina silty clay, 7 to 15 percent slopes and consist of well-drained soils on uplands. This type of soil was used for sugar cane and pineapple. Small acreages are used for truck crops, pasture and wildlife habitat [2]. The project site receives an average rainfall of 30–40 in. annually [3].

### 1.2.2 Historic Land Use

The project is located within the traditional *ahupua'a* of Waimano in the 'Ewa district of O'ahu. Waimano, translated by Pukui et al. [12] as “many waters,” is one of the many *ahupua'a* that extended from the Ko'olau mountains to the shores surrounding Pearl Harbor.

Handy and Handy [6] describe Waimano stream as one of several streams that irrigated taro lands in the area.

'Ewa's widely dispersed taro plantations were irrigated by a number of streams flowing down deep valleys on the southwest slope of the Ko'olau

*ahupua'a*

range. These were Halawa Stream and its tributaries, Kamanaki, Kalauao, Waimalu, Waimano, Manana, Waiawa ... [6:470]

Archibald Campbell was given farm land in Waimano and describes the setting in 1809.

In the month of November, the king was pleased to grant me about sixty acres of land, situated upon the Wymummee or Pearl-water, an inlet of the sea about twelve miles to the west of Hanaroora ... We passed by foot-paths winding through an extensive and fertile plain, the whole of which is in the highest state of cultivation. Every stream was carefully embanked, to supply water for the taro beds. Where there was no water, the land was under crops of yams and sweet potatoes ... My farm, called Wymannoo, was upon the east side of the river, four or five miles from its mouth. Fifteen people with their families resided upon it, who cultivated the ground as my servants ... [13:16].

*māhele*  
*kula*  
*mauka*

During the *māhele*, ten Land Commission awards were granted in Waimano. Nine were located near the shore below the 100 ft. elevation and the tenth, an award of *kula* lands "*mauka* of the near shore taro lands, at about 100 ft. to 400 ft. elevation," at Kukona, was awarded to John Stevenson [1; 8:7]. No Land Commission award was found for the proposed project site.

Between 1850 and 1900 sugar cane was being cultivated in Waimano and by 1940 all accessible ridge top plateaus up to 1,000 ft. elevation, from Hālawa to Waiawa and Waimano streams were cultivated [1].

The recent land history records show that the Pearl City District Park site was subdivided from larger parcels previously owned by the Hawaiian Land and Improvement Company as early as 1946, and leased to the Oahu Sugar Company between 1952 and 1959. In 1959 title was transferred to the City and County of Honolulu for the development of the district park.

### 1.2.3 Archaeological Background

There are no known archaeological surveys conducted for this parcel. However, several archaeological investigations have been conducted within the general area.

Only one site was recorded in Waimano *ahupua'a* by McAllister [10] during his 1930's site survey of O'ahu. Loko Weloko fishpond, site 50-80-13-116, was described as oval shaped with walls on three sides and was located on the Honolulu side of Pearl City Peninsula. Another fishpond, Loko Kukona, site 50-80-13-114, was located by McAllister in Waiau but may have actually been along the shore of Waimano. The pond had covered 27 ac. but there was very little left at the time of McAllister's visit.

Archaeological investigations within Waimano since McAllister's survey of O'ahu have been limited. In 1978, Griffin and Yent [4] conducted an archaeological survey within Waimano gulch as part of a feasibility study for use of the valley as a State Park. The survey focused on the valley floor along both sides of the stream. Several agricultural terraces, a series of stone mounds and a terrace platform were found on the level flood plain. The survey also documented the remains of a historic ditch and tunnel used in the

early 1900s for water transport. The site complex is ca. 2.3 mi. northeast of the project site. Because this was a feasibility study, the site locations were not plotted accurately and no additional work was conducted at these sites.

In 1979, Griffin and Yent [5] conducted another survey of Waimano valley, *makai* of their earlier work. They record the remains of a railroad trestle and railroad tracks, site 50-80-09-4106, that crossed over Waimano Stream. They believed the railway system was owned by Oahu Sugar Company.

In 1985, archaeological reconnaissance survey and subsurface testing was conducted at the Hale Mōhalu parcel located on the *makai* side of Kamehameha Highway. Test excavations were placed within areas that corresponded with former Land Commission awards, however only the remains of dormitory foundations from the military use of the area in the 1940s were found [14].

In 1989, Jensen [7] conducted an archaeological inventory survey of a ca. 20 ac. parcel for the Waimano Home Department of Health Facility located ca. 1.7 mi. northeast of the project site. Only historic period features associated with an abandoned slaughter house and dairy operation were found.

Folk [1] conducted an archaeological reconnaissance survey of the grounds of the existing Waimano Training School and Hospital grounds in 1990. The survey extended between the 425-1,000 ft. elevation on the plateau and did not include the gulches along the sides. No traditional Hawaiian archaeological sites were located. However, two historic-era features, a dressed stone irrigation ditch and a cemetery, were noted above the school grounds. No site numbers were assigned to these features.

## 2 Results

T. S. Dye & Colleagues, Archaeologists, Inc. did not conduct a field inspection of the project site. However, information about the project site and photographs provided by Clayton Group Services were reviewed. The Pearl City District park was built on land previously used for commercial agriculture. The existing district park has been formed by grading and filling the parcel (fig. 3).

## 3 Discussion and Conclusions

A review of the archaeological literature, historic maps, and information provided by Clayton Group Services, shows that the project site is located in an area that has been extensively modified during sugar cane cultivation and recently with the construction of the existing district park. No surface historic properties exist within the area of potential effect for the proposed Verizon Wireless cellular site and no subsurface deposits are likely to be found. Therefore the construction of the facility will have no direct effect on historic properties. Since there are no known historic sites within 0.5 mi. of the tower, the undertaking will have no visual effect on historic properties.



Figure 3. Verizon Wireless Pearl City District Park Site, looking northwest. Courtesy of Clayton Group Services.

## Glossary

Entries for Hawaiian words are excerpted or paraphrased, where possible, from the *Hawaiian Dictionary* [11], or from Lucas [9].

**ahupuaʻu** Traditional Hawaiian land division usually extending from the uplands to the sea.

**kula** Plain, field, open country, pasture. Land with no water rights.

**māhele** Land division of 1848.

**makai** Seaward.

**mauka** Inland, upland, toward the mountain.

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## **SECTION 4**

**Honolulu Star Bulletin Newspaper  
Public Legal Notice**

**Pearl City Neighborhood Board  
Draft Minutes of Regular Meeting  
May 23, 2006**



IN THE MATTER OF  
PUBLIC NOTICE TO NEWSPAPER  
AND/OR RESIDENTS  
(Lunalilo Cell Site)

AFFIDAVIT OF PUBLICATION

STATE OF HAWAII

SS.

City and County of Honolulu

Carrie Asuncion being duly sworn,  
deposes and says that she is a clerk, duly authorized to  
execute this affidavit of MidWeek Printing, Inc., publisher  
of MidWeek and the Honolulu Star-Bulletin, that said  
newspapers are newspapers of general circulation in the  
State of Hawaii, and that the attached notice is true notice  
as was published in the aforementioned newspapers as  
follows:

MidWeek \_\_\_\_\_ times on \_\_\_\_\_

Honolulu Star-Bulletin 1 times on \_\_\_\_\_  
01/31/2007

**PUBLIC NOTICE TO NEWSPAPER  
AND/OR RESIDENTS**  
Pursuant to FCC rules under Section 106 of the  
National Historic Preservation Act (NHPA),  
Verizon Wireless (VZW) is providing notice of  
the following proposed wireless telecommunica-  
tions facility: VZW is proposing to construct the  
HON Lunalilo Cell Site at TMK (1) 9-7-036:  
Parcel 123, 785 Hoomaemae Street, Pearl City,  
Oahu, Hawaii 96782 (Lat/Long: 21° 24' 10.4"  
North, 157° 57' 8.21" West [WGS84/NAD83]).  
According to the Verizon Wireless, the proposed  
action involves replacing an existing light  
standard with a stealth light standard monopole  
and installing canister antennas on top. The  
maximum finished height of the light standard  
and antenna tips will be approximately 71 feet  
above ground level (AGL). Additionally, a 12-by-  
28 foot prefabricated equipment shelter will be  
installed on park grounds, approximately 150  
feet southwest of the light standard, to house  
the associated telecommunications equipment.  
The building will be surrounded by a six-foot  
high chain-link fence enclosure. Construction  
activities will have a minor impact to the ground  
surface. Interested parties who wish to submit  
comments and/or concerns regarding the  
potential for this project to impact historic  
structures and cultural resources may contact  
Christine Yott by mail at 970 N. Kalaheo  
Avenue, Suite C-316, Kailua, Oahu, Hawaii  
96734 or by telephone at (808) 531-6708.  
(SB05527311 1/31/07)

And that affiant is not a party to or in any way interested in  
the above entitled matter.

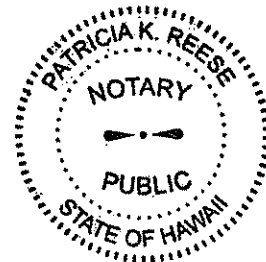
*Carrie Asuncion*

Subscribed to and sworn before me this 31<sup>st</sup> day  
of JANUARY A.D. 20 07

*Patricia K. Reese*  
Notary Public of the First Judicial Circuit  
State of Hawaii

My commission expires October 07, 2010

Ad# 05527311



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Printable version (copy and paste link into browser):

[http://www.honolulu.gov/nco/nb21/06/21\\_2006\\_05Min.pdf](http://www.honolulu.gov/nco/nb21/06/21_2006_05Min.pdf)



## PEARL CITY NEIGHBORHOOD BOARD

### **DRAFT MINUTES OF REGULAR MEETING**

**TUESDAY, MAY 23, 2006**

**HIGHLANDS INTERMEDIATE SCHOOL CAFETERIA**

**CALL TO ORDER:** Chair Albert Fukushima called the meeting to order at 6:34 p.m., with a nine (9) members present, which established a quorum.

**MEMBERS PRESENT:** Sol Ray Duncan, Sheila Fukuda, Albert Fukushima, Kevin Furutani, David Howton, May Imamura-Uruu, Myrtle Nyuha, James Pickard, Sr., Davin Takahashi (arrived at 6:42 p.m.), Cruz Vina, Jr.

**MEMBERS ABSENT:** Jerilyn Anderton, Marin Bogema.

**GUESTS:** Firefighter N. Melo (Honolulu Fire Department – Waiau Station); Lt. G. Arakawa, Lt. K. Lima (Honolulu Police Department – Pearl City Station); Marcia Nagao (State Department of Health – Disease Outbreak Control Division); Matt Miura (Verizon Wireless); Carl Young (Nextel Partners, Inc.); Lan Yoneda (Board of Water Supply); Pat Liu (Gentry Waiawa Development); Lance Parker (A & B Properties); Donohue Fujii (Austin Tsutsumi & Associates, Inc.); Dr. Melvin Wong; Scott Ishikawa (State Department of Transportation – Spokesperson); Claire Nakamura (Governor's representative – Deputy Director of the State Department of Public Safety); Isaac Hokama (Mayor's representative – Special Assistant to the Mayor); Councilmember Gary Okino; Robert Sato (Councilmember Okino's Office staff); Kendall Matsuyoshi (Representative K. Mark Takai's Office staff); Gary K. Omori (Public Involvement Team for Honolulu High Capacity Transit Corridor Project); Bob Loy (Outdoor Circle); Kent Kitagawa (State Department of Health – State Laboratories Division); Karen Ching-Hew, Joseph Dang, Ken Harmeyer, Gordon Kim, Frank Kobayashi, Aaron Lee, Adrian Lee, Mahro Madrid, Jr., Tim McLaurin, Alice Miynke, Julie Moix, Nathan Nakamoto, Jerry Ono, Jesse Ono, Zachary Orosco, Sandra Padua, Thaddeus Padua, Tony Padua, David Pang, Herbert S. M. Pang, Henry Wai, Jon Wai, Marissa Wai, Rachel Wai, James Walls, Terri Walls, Ahromi Wang, Mehi Wang, Pepper Wang, Setsuzo Yamashiro; Rachel M. Glanstein, Chad Kahale (Neighborhood Commission Office staff).

**PLEDGE OF ALLEGIANCE:** Fukuda led everyone in the Pledge of Allegiance.

**APPOINTMENT TO FILL ONE (1) VACANCY:** There were no interested parties to fill the vacancy.

**REMINDERS OF TIME LIMIT POLICY AND PROCEDURES ON INPUT, COMMENTS, RESPONSES AND PRESENTATION OF AGENDA ITEMS:** Chair Fukushima reminded everyone that smoking is not allowed on the school campus grounds. He summarized the time limit policy as follows – ONE minute for comments; THREE minutes for reports; FIVE minutes for presentations already given at the Committee Meeting, TEN minutes for new presentations; ONE minute for comments/questions/responses; recognition from the Chair is required to speak; microphones should be used when speaking; all cell phones should be turned off or put in "silent" mode. Chair Fukushima asked government representatives to please limit their oral reports to one subject matter.

### **EMERGENCY AGENCY REPORTS:**

**HONOLULU FIRE DEPARTMENT (HFD)** – Firefighter N. Melo provided the following information:

- 1) April statistics – 7 structure fires; 61 medical emergencies and 7 auto accidents.
- 2) Fire Safety Tip – Prepare a fire escape plan. Map out escape routes with at least two ways out of each room. Designate a location outside of the house where everyone can meet. Know where the closest phone is located to call 911.

**HONOLULU POLICE DEPARTMENT (HPD)** – Lt. G. Arakawa circulated a report and gave the following statistics for April: There were 29 auto thefts, 16 auto theft recoveries, 13 burglaries, 30 criminal property damage and 35 unauthorized entries into motor vehicles (UEMVs). There was a total of 6,746 calls for service in District 3, with some 1,630 calls (24.16%) from the Pearl City area.

Herbert S. M. Pang expressed frustration over parked cars blocking driveways and having to constantly report them to HPD. Chair Fukushima reminded him of the one-minute time limit and asked everyone to be concise in their speeches due to the heavy agenda tonight. Lt. Arakawa assured that officers will respond if called – it's their duty.

Davin Takahashi arrived during the above comments, at 6:42 p.m., making 10 members present.

**EMERGENCY MEDICAL SERVICES (EMS)** – No representative present.

**The agenda was taken out of order to hear Kendall Matsuyoshi give Representative K. Mark Takai's report, and to hear Councilmember Gary Okino's report.**

#### **ELECTED OFFICIALS (1):**

**REPRESENTATIVE K. MARK TAKAI** – Kendall Matsuyoshi reported the following information:

- 1) Sportsmen Lounge – Rep. Takai is waiting for a liquor license renewal hearing to be scheduled.
- 2) Pearl Harbor Bike Path – The Navy has been cleaning up the mangroves to curb illegal activities there. They began yesterday, May 22, and the clean-up will continue until the third week in June. There will be a minor inconvenience to those using that area of the bike path.

Chair Fukushima requested a summary of the Aiea-Pearl City town meeting last night, May 22. Matsuyoshi recommended that Councilmember Okino be asked that question, since he attended.

**COUNCILMEMBER GARY OKINO** – Robert Sato distributed Councilmember Okino's report, and Councilmember Okino highlighted the following:

- 1) New tax credit applications are now available for the "circuit breaker", which has four conditions for eligibility: (a) there must be a home exemption on their property during the tax year claimed; (b) the combined income of all the titleholders may not exceed \$50,000; (c) the amount of 2006-07 property taxes must exceed 4% of the combined income for all titleholders; and (d) neither the property owner nor any member of the owner's household may own any other property anywhere. Applications are available through September 30, 2006.
- 2) Pacific Palisades Community Park – The road widening project is short \$200,000, and he has asked Council for the money to continue.
- 3) Pearl City Gym – The required repairs were not the fault of the roofing contractor – they were the fault of the sub-roofing contractor, who now needs to repair the leaks.

Questions, comments and concerns followed:

- 1) Ken Harmeyer asked how the City can discuss raises for elected officials when the people are getting hit hard with the raise in property tax. Councilmember Okino replied that whatever is recommended by the Salary Commission is usually agreed to, and a \$100,000 won't go very far if spread out among all of Hawaii's residents; he continued to note that tax relief is being discussed, but he won't know exactly what amounts until Thursday, May 25.
- 2) Pickard requested lights for the now open Pacific Palisades Community Park, since it is pitch black at night, making it impossible for anyone to use the basketball courts after dark. Councilmember Okino will follow up, but postulated that part of the \$200,000 requested for the park could be used to install lighting.
- 3) Chair Fukushima inquired about the Aiea-Pearl City town meeting last night, May 22. Councilmember Okino responded that many of the issues raised for Aiea issues, but the number one Pearl City issue is the opening of Cane Haul Road. The Mayor is committed to the project, and gave \$4.5 million to it; it should begin this year. Chair Fukushima clarified that the project only covers the first portion at this time, and thanked Councilmember Okino for getting funding for it.

**The agenda was resumed.**

**PRESENTATIONS (1):**

**AWARDING OF CERTIFICATES OF RECOGNITION AND ACKNOWLEDGEMENT –** Publicity/Refreshments (P/R) Committee Chair Imamura-Uruu presented certificates to the following:

- 1) Aaron Lee, a Pearl City Highlands Elementary School fourth grader, received an award for winning the Grade 4 "Written Word" category of the 2006 Kids Day Creativity Contest, with his essay entitled "Is Older Wiser?" His teacher, Karen Ching-Hew, received an award for mentoring him. Councilmember Okino presented Lee with a Council Certificate of Merit.
- 2) Julie Moix, a Highlands Intermediate School teacher and advisor to the chess team, received an award for mentoring the chess team in winning first place in the State Intermediate School Chess Tournament. Nathan Nakamoto, an eighth grader, received an award for the team winning first place in the tournament and for placing first overall and first in the eighth grade division. Tyler Oho-Watt, Jesse Ono, Zachary Orosco, and Thaddeus Padua, all eighth graders, received awards for the team winning first place in the tournament and for performing at the top of their game. Marissa Wai, a seventh grader, received an award for the team winning first place in the tournament, for placing third overall and first in the seventh grade division, and for winning "Top Performer of the Year". Councilmember Okino presented the team and the individual students with Council Certificates of Merit.
- 3) Gayle Ching, the Pearl City High School Journalism faculty advisor, received an award for mentoring Ahromi Wang and Kristen Kaneshiro in the 37<sup>th</sup> Annual 2006 Hawaii High School Journalism Contest. Ahromi Wang, a senior, received an award for winning the \$150 design award for the cover art of the contest program guide. Kristen Kaneshiro, a senior, received an award for winning the title of "Most Valuable Member" of the "Messenger" newspaper staff, as editor, in the contest. Councilmember Okino presented Wang and Kaneshiro with Council Certificates of Merit.
- 4) Kimberly Rivera, a Pearl City High School junior, received an award for winning a Pacific and Asian Affairs Council 2006 Summer Study Tour Scholarship. Brady Louis, a Pearl City High School Japanese language teacher, received an award for mentoring her, and will be her chaperone on the tour.
- 5) Gerald Suyama, the Pearl City High School Principal, received an award for being a semi-finalist in the 2006 Masayuki Tokioka Excellence in School Leadership Competition for the High School Principal of the Year and being granted a \$2,000 personal cash award.
- 6) Seichi Nagai, Kenji Uejo and Shigeo Ushiro, the E Komo Mai Pearl City sign and landscape caretakers, received awards for being actively involved as diligent members of an unselfish group of volunteers who have proactively cleaned and maintained the "Gateway Entry area" on the mauka side of Moanalua Road near Hoomalu Street. Councilmember Okino expressed his appreciation to the group; he is working with the City Department of Facility Maintenance to install a water line there.
- 7) Rachel M. Glanstein, the Board's Neighborhood Assistant, received an award for exemplary and outstanding service to assist the Board in carrying out its goals of serving as a "Grass Roots" forum in the community to increase citizen participation in City government.

**MAY 2006 YARD OF THE MONTH –** P/R Committee Chair Imamura-Uruu presented a Certificate of Recognition to James and Terri Walls of Komo Mai Drive in Pacific Palisades for being the May 2006 Yard of the Month Award recipient.

**The agenda was taken out of order to hear the update on the Gentry-Waiawa project.**

**RESIDENTS' CONCERNS (1):**

**GENTRY-WAIAWA PROJECT UPDATE –** Pat Liu introduced Lance Parker, from A & B Properties, and briefly explained the project, which intends to build infrastructure and neighborhoods in the Gentry-Waiawa area. They are currently designing the entry roads and improvements necessary for the first increment, which includes homes, an elementary school, a park and a convenience center. They hope to break ground later this year.

Questions, comments and concerns followed:

- 1) Chair Fukushima expressed his appreciation for the updates, and looks forward to further updates, especially at the start of construction.
- 2) Takahashi heard that the Mililani and Mililani Mauka Neighborhood Boards Nos. 25 and 25 (NB#25 and

NB#35), respectively, joined together to try and stop the development in the Gentry-Waiawa area. Liu responded that it may only be the NB#25 that opposes the project, and they only oppose until the Oahu Regional Transportation Plan 2030 can be reassessed; NB#35 has not yet taken a position on the project. Liu relayed the main concerns of those Boards: traffic problems and that the infrastructure (such as schools) required to support the development be done first; they are trying to address these concerns.

**The agenda was resumed.**

## **PRESENTATIONS (2):**

**STATE PANDEMIC FLU PLAN** – Marcia Nagao, from the State Department of Health's (DOH) Disease Outbreak Control Division, circulated handouts with website links and a pandemic flu planning checklist and gave the following PowerPoint presentation, emphasizing the following points:

- 1) Influenza – Is it seasonal, avian or pandemic? Influenza (flu) is caused by a virus; there are three (3) types and many subtypes. The flu viruses change from year to year: (a) a minor change (drift), which may cause seasonal epidemics; and (b) a major change (shift), which may cause a worldwide epidemic/pandemic.
- 2) Seasonal influenza is a public health problem every year and spreads easily from person to person. At the highest risk for complications are: (a) adults 65+ years; (b) those with chronic disease or immune system problems; and (c) infants/children five or less years. The best way to prevent the flu is vaccination.
- 3) Avian influenza is caused by bird influenza viruses. Wild birds worldwide carry influenza viruses in their intestines; it also infects domesticated birds, such as chickens, ducks or turkeys. H5N1 is a strain of the bird flu that is endemic in Asia and has recently spread to Africa and Europe – it causes severe and sometimes fatal disease among some species of birds, although it rarely causes human infection, since it would require very close contact with infected poultry. Worldwide, there have been approximately 200 cases of avian flu in humans, and approximately 50% of those infected died.
- 4) Pandemic influenza is a global disease outbreak, which occurs when a new influenza virus appears in the human population that causes serious illness and spreads easily from person to person. Up to one-third of the population could become ill, with approximately two (2) to 7.5 million deaths, and large numbers of people needing or seeking medical care. High rates of work absenteeism could disrupt essential services, such as law enforcement, transportation, etc. A second wave of infection could occur within a year. The opportunity for inter-state or inter-country assistance will stop once international spread begins.
- 5) Influenza pandemics of the 20<sup>th</sup> century include: (a) in 1918, the "Spanish Flu" (H1N1) caused 20 to 40 million deaths total, with 675,000 U.S. deaths; (b) in 1957, the "Asian Flu" (H2N2) caused one to four million deaths, with 70,000 U.S. deaths; and (c) in 1968, the "Hong Kong Flu" (H3N2) caused one to four million deaths, with 34,000 U.S. deaths.
- 6) Critical issues on the State level are: (a) influenza surveillance; (b) pandemic vaccine delayed, antivirals limited, prioritization of those in need; (c) social distancing/quarantine/isolation; (d) collaboration and communication; (e) supplies/resources/manpower; and (f) security.
- 7) For community-wide consideration are: (a) social disruption may be widespread; (b) being able to work may be difficult or impossible; (c) basic supplies and medications may be limited; (d) schools may be closed for an extended period; and (e) transportation services may be limited.
- 8) It's everyone's responsibility to: (a) get informed; (b) be prepared; and (c) stay healthy. Then, everyone can work together to protect the health and safety of those serving you and those you serve, limit the negative impact to society and economy, and maintain essential services.
- 9) To get informed: (a) communicate with family, staff, persons in the community; (b) find current and reliable information; (c) share information with others; and (d) facilitate effective communication and education during a pandemic.
- 10) To get prepared: (a) determine the potential impacts; (b) develop plans to prepare; (c) assign specific responsibilities now; and (d) test your plan.
- 11) To stay healthy: (a) cover your coughs and sneezes; (b) wash hands using waterless or alcohol-based hand cleaners if water and soap isn't available; (c) ensure access to health care and psychological support; (d) get vaccinated against seasonal flu yearly; (e) ensure supply of regular medications and take them as prescribed; and (f) practice social distancing now – stay home when ill.

- 12) Summary points: (a) seasonal flu viruses are a public health problem every year, spread easily from person to person, and have a vaccine available for prevention; (b) the avian flu (H5N1) has had a devastatingly global outbreak in poultry, with severe but rare human infections, does not spread easily from person to person, and is not in the U.S. at this time; (c) pandemic flu viruses appear in the human population periodically, and although H5N1 is a likely candidate, it's not a pandemic virus yet; (d) a flu pandemic with significant health, social and economic impact is possible; and (e) everyone must take responsibility.
- 13) Sources of information: (a) questions for DOH – [fluinfo@doh.hawaii.gov](mailto:fluinfo@doh.hawaii.gov); (b) DOH – <http://www.hawaii.gov/health/family-child-health/contagious-disease/communications/pandemicflu.html>; (c) Centers for Disease Control & Prevention – <http://www.cdc.gov/flu/pandemic/>; (d) U.S. government – <http://www.pandemicflu.gov/>; and (e) World Health Organization – <http://www.who.int/topics/influenza/en/>.

Questions, comments and concerns followed:

- 1) Chair Fukushima thanked Nagao and Parker for attending the meeting and asked when the testing for these viruses will begin, how, and where the results will be analyzed. Nagao replied that there is already a network of physicians constantly monitoring, and the results will be analyzed at the State lab in Pearl City.
- 2) Howton inquired if there have been any documented cases of the bird flu being transmitted from person to person. Nagao responded that cases have occurred in southeast Asia with close and constant exposure. Howton asked if the real danger is the occurrence of a mutation which would ready the easy transmittal of the virus from person to person; Nagao confirmed this.

**CONDITIONAL USE PERMIT FOR A TELECOMMUNICATIONS ANTENNA INSTALLATION BY VERIZON WIRELESS AT PEARL CITY DISTRICT PARK** – Matt Miura distributed handouts of pictures and letters discussing the safety of antennas, and highlighted the following information from his PowerPoint presentation: The antenna will be located on top of an existing light pole at the park, with the equipment shelter placed nearby. The existing pole is 52 feet high, and the antenna (in a cylindrical canister) will add two feet onto the pole and will be painted the same color to blend with the pole. The equipment shelter is located far enough in to not affect the use of the ballfield; it will be located on the south side or Komo Mai Drive side of the park. The equipment shelter will be made of concrete and fenced in; it will be next to an existing walk/driveway, tucked in near the trees. It's planned to add more shrubs around the site to make it more visually pleasing.

- 1) Howton asked how many of the other light poles have antennas. Miura replied that none do.
- 2) Takahashi inquired if there would be just one antenna installed. Miura clarified that the cylindrical canister will contain three antennas to provide good coverage.
- 3) Chair Fukushima noted that there are few other antennas nearby – one at the nearby park and one at the nearby school. Miura responded that the antenna at the park has not yet been filed for, and the Sprint antenna at the school is on a 35-foot pole in the physical education area.
- 4) Frank Kobayashi voiced the opinion that the suggested location for the antenna is a bad choice. He expressed concern over the possible radiation from the antennas, especially with ballgames, and the schools and community center nearby. Kobayashi urged Verizon to choose a more secluded location.
- 5) Takahashi commented that although cellular antennas don't emit as much radiation as a radio or a television, more antennas equal more radiation. He's opposed to the project because of residents' concerns. Duncan agreed with these concerns.
- 6) Mahro Madrid, Jr. agreed with Kobayashi's concerns and inquired about the effect of these antennas on health. Miura answered that, as long as the Federal Communications Commission (FCC) guidelines are followed, then the antenna is safe. The level will be 100 watts from the site, and a television operates with much higher radiation; the radiation from a television compared to a cellular antenna is about a 100:5 ratio.
- 7) Furutani asked how far the "dangerous area" extends around the antenna. Miura responded that a 10-foot radius around the antenna should be kept clear, and added that with the planned setup, no one will be able to be less than 10 feet from the antenna.

**Development, Planning and Zoning (DPZ) Committee Chair Furutani moved, on behalf of the committee, that the Board recommend approval of the Verizon Wireless's request for a Conditional Use Permit to install a telecommunications antenna at Pearl City District Park. Unanimous consent was used to add the conditions on approval of the permit that: (a) the color scheme matches the environment; and (b) Verizon Wireless informs the Board when they will begin to build.**

The motion that the Board recommend approval of the Verizon Wireless's request for a Conditional Use Permit to install a telecommunications antenna at Pearl City District Park, with the conditions that: (a) the color scheme matches the environment; and (b) Verizon Wireless informs the Board when they will begin to build, was ADOPTED 7-2-1 (Aye: Howton, Fukuda, Fukushima, Furutani, Imamura-Uruu, Nyuha, Vina; No: Duncan, Takahashi; Abstain: Pickard).

STATE HEALTH PLANNING AND DEVELOPMENT AGENCY (SHPDA) CERTIFICATE OF NEED (CON) APPLICATION FOR THE PACIFIC ENDOSCOPY CENTER AT 1029 MAKOLU STREET (AT KUALA STREET) – Chair Fukushima explained that there will be more businesses there and doctors need to move from Pali Momi. He referred to the draft letter circulated to the Board members recommending that SHPDA approve plans for this endoscopy center.

Unanimous consent (10-0-0) was used to ADOPT a motion to send the draft letter recommending SHPDA approve plans for the endoscopy center.

A recess was taken from 8:00 p.m. to 8:14 p.m. for refreshments.

When the meeting resumed, the agenda was taken out of order to hear the Board of Water Supply report, since the Nextel representative wasn't quite ready to give the presentation.

#### COMMUNITY REPORTS (1):

BOARD OF WATER SUPPLY (BWS) – Lan Yoneda circulated information about the BWS rate increase and reported the following:

- 1) There were four eight-inch main breaks in April: (a) 1603 Kaweloka Street; (b) 2287 Auhuhu Street; (c) 1778 Hoowae Street; and (d) 1637 Kaweloka Street.
- 2) BWS rates are among the nation's lowest and haven't risen in nearly 11 years. At the same time, the costs of providing service have grown steeply – electrical power, construction materials, fuel and labor costs continue to rise. For more information about the rate increases, call 748-5311.
- 3) There is a project to replace the mains on Nanakai Street from Waimano Home Road to Hoomalu Street. This will also include Nanakai Place, Puukipa Street, and Hooheke Street in Waiiau between Hookaniki and Hooia Streets. The project entails the installation of an eight-inch water main, fire hydrants and appurtenances along the streets mentioned above. This project will reduce breaks and increase fire protection and water service for the area. The lowest bid was \$1.232 million. The community will be informed when construction is scheduled.

Questions, comments and concerns followed:

- 1) Pickard questioned the cause of these main breaks so close together. Yoneda explained that the breaks are a combination of old pipes, soil conditions and metal corrosion.
- 2) Howton asked if BWS is aware of the rumor that tap water is poisoned. Yoneda will inform the Community Relations Division of the rumor and will follow up; he added that next month, BWS will be sending out their annual water quality report with the water bills.
- 3) Takahashi requested the average cost of repairing main break damage, and inquired if the cost shows up on people's water bills. Yoneda estimated that a small main break in a residential area may cost \$10,000 to \$20,000 to repair, and a big main break in downtown Honolulu may cost \$50,000 to \$75,000. Money for repairs is provided for in the budget.
- 4) Furutani asked where Pearl City gets its water. Yoneda answered that Pearl City uses a few wells: (a) Waiiau/Newtown; (b) Kuala Road; and (c) Waimano Home Road. Chair Fukushima inquired if that water went to Hawaii Kai when the wells were initially drilled. Yoneda wasn't sure; he stated that Pearl City has an abundance of water in its aquifer.

The agenda was taken out of order again to hear the Manana Warehouse Parcels agenda item, since the Nextel representative wasn't quite ready to give the presentation.

#### RESIDENTS' CONCERNS (2):

SALE OF REMAINING MANANA WAREHOUSE PARCELS, KUALA STREET – Dr. Melvin Wong gave a brief



background of the situation. Many doctors have problems at Pali Momi: there's not enough space for them and they don't receive new equipment. They've been trying to purchase this parcel on Kuala Street for five to six months, but have been "stonewalled". Dr. Wong noted how hard it is to find a place for the doctors.

Questions, comments and concerns followed:

- 1) Chair Fukushima stated that the property is advertised as being for sale, and he doesn't understand why the company selling it would tell potential buyers that it's not for sale. He asked if the City wants to sell this property or not. Vina has worked on finding information on the company selling the property for the City, but has not been successful.

**Chair Fukushima directed the DPZ Committee to research this issue and report back to the Board.**

- 2) Isaac Hokama, the Mayor's representative, thanked Pickard for making him aware of this situation; he discovered that Parcel D is available and has given Dr. Wong the direct phone number to the person in the City's Department of Corporation Counsel (COR) handling the sale. Hokama stressed that the City wants to sell this parcel; he will follow up.
- 3) Pickard wondered what the Board can do, since the medical group hasn't yet purchased the land. Dr. Wong responded that he wants advice and suggestions on how the facility can serve the community better.
- 4) Chair Fukushima suggested the Board also find out what's happening with the other two Manana warehouse parcels sold (one to Public Storage and one to CompUSA). Hokama will follow up.

**The agenda was resumed.**

#### **PRESENTATIONS (3):**

**CONDITIONAL USE PERMIT FOR A TELECOMMUNICATIONS ANTENNA INSTALLATION BY NEXTEL PARTNERS, INC. AT 819 LEHUA AVENUE** – Carl Young circulated handouts, and emphasized the following points from his PowerPoint presentation: First, they look for a commercially zoned property to install the antenna, and A-2 (apartment) allows for antenna sites too. The location of 819 Lehua Avenue is available. The equipment shelter will be 12 by 18 feet, which will include a generator. The monopole will hold six six-foot panel antennas. The location has a banyan tree, which is approximately 100 feet tall, so the antenna would only need to just stick out over the top of the tree. Originally, they had planned to remove the tree, but have now just decided to place the antenna and equipment shelter under the tree canopy. The landlord of 819 Lehua Avenue has concerns about the current large amount of illegal activities in the bottom shielded parts of the banyan tree, and so would like Nextel to have a fenced-in equipment shelter there, to put a stop to the illegal activities. The site is very close to the Pearl Harbor historic trail but does fall within the eight-foot distance requirement from the trail (it's over 15 feet away). The community benefits from improved service, which could prove very useful in an emergency. With the antenna installed, there will be a global positioning system (GPS) capability to find people if they are lost or disoriented, or during a natural disaster.

Questions, comments and concerns followed:

- 1) Nyuha noted that, at the Committees' meeting, Young reported that the banyan tree was to be removed. Young explained that only one-sixth of the tree is on the landlord's property, so they can't remove it. Pickard asked if they intend to remove that one-sixth of the tree; Young affirmed this. Chair Fukushima expressed concern that a portion of the tree would need to be removed, especially since the Aiea NB#20 opposes the idea. Young answered that parts must be cleared to make room for the shelter and generator. Imamura-Uruu suggested that Nextel would be doing the area a favor by eliminating the area where the illegal activities occur; Young agreed.
- 2) Pickard stated that Nextel should survey other locations for their antenna site. Young replied that they tried to work with Lehua Nani School, but their legal situation forced them to look elsewhere.
- 3) Pickard pointed out that the equipment shelter and antenna are ugly pieces of machinery, and he would like to keep Pearl City associated with historical places.
- 4) Chair Fukushima confirmed with Young that the antenna would be 10 feet above the 100-foot tree.
- 5) Imamura-Uruu inquired if the tree will eventually grow to cover the antenna. Young responded that every tree has a height limit, and this banyan tree has most likely topped out at 100 feet.
- 6) Chair Fukushima asked if there would be a fence surrounding the shelter; Young answered that the fence would be made of chain-link. Chair Fukushima pointed out that the fence will also mitigate illegal activities.

- 7) Takahashi inquired if Young notified everyone in the area; Young assured him that he did, even though it's not required. Young continued to relate that the State Department of Education (DOE) endorses antennas on schools.
- 8) Bob Loy, from the Outdoor Circle, was contacted by the Board to look into this matter. The Outdoor Circle is not against cell phones or technology, but they don't want a historical tree removed. Loy asked Young if the tree has been assessed by a certified arborist; Young responded that it hasn't. Loy disclosed that only a certified arborist can tell what part of the tree is on what property. He stated that there are numerous reasons that this antenna installation is a bad idea, including that it's not appropriate for the Pearl Harbor historic trail area. The Outdoor Circle will oppose tree removal and will caution Nextel about possibly damaging the tree, especially since parts may belong to the public.
- 9) Chair Fukushima related that he's asked the applicant to look at the project again, to work with the Outdoor Circle on this issue.

**Pickard moved that the Board take no position on the installation of a telecommunications antenna at 819 Lehua Avenue by Nextel Partners, Inc. Chair Fukushima ruled the motion OUT OF ORDER because the same thing could be accomplished by adopting no motion at all.**

**Vina moved, and Imamura-Uruu seconded, that the Board does not support Nextel Partners, Inc.'s application for a Conditional Use Permit to install a telecommunications antenna at 819 Lehua Avenue, and, based on the uncertainty of the tree ownership, the applicant should look for another site, which was ADOPTED 9-1-0 (Aye: Duncan, Fukuda, Fukushima, Howton, Imamura-Uruu, Nyuha, Pickard, Takahashi, Vina; No: Furutani).**

#### **COMMUNITY REPORTS (2):**

**PEARL CITY LIBRARY** – Pickard relayed the following announcements:

- 1) Effective July, the library will be open six days per week, from Sunday to Friday (closed on Saturday).
- 2) On Monday, June 12, at 6 p.m., the young adult summer reading program kicks off. There are six weeks of rewards for those entering the seventh grade to their freshman year in college.
- 3) On Tuesday, June 13, from 6:30 to 7:30 p.m., there will be folk dancing open to everyone. The program is suitable for all ages and is free. Door prizes will be provided.

No representatives were present to give the Leeward Community College and Board of Education updates.

#### **RESIDENTS' CONCERNS (3):**

**PEARL CITY AREA PARKS AND RECREATION PROJECTS** – Councilmember Okino covered this earlier.

**WAL-MART/SAM'S CLUB GAS STATION CONSTRUCTION UPDATE** – Donohue Fujii gave the following updates:

- 1) Outlot No. 1 has been subdivided for Central Pacific Bank and a Wendy's. Construction should start in June or July of this year.
- 2) Outlot No. 2 is a retail building, and seven businesses have already signed leases: Starbucks, Jamba Juice, Kozo, Nextel, a nail/skin salon, L&L Drive-In, and Panda Express. This is where the doctors are requesting space for their facility.
- 3) Outlots Nos. 2 and 3 will be consolidated into the gas station property. Construction should begin in August or September of this year, and the gas station should be open in late 2006 or early 2007.
- 4) They are still awaiting approval of Phases 3 and 4 from the State Department of Transportation (DOT).

Chair Fukushima urged that the remaining phases (road improvements) be completed before the opening of the gas station to ready the area for the traffic.

**Vina moved, and Takahashi seconded, to write a letter to Wal-Mart recommending the completion of Phases 2, 3 and 4 before the opening of the gas station.**

**Takahashi raised a point of order that the letter should also be sent to the legislators. Chair Fukushima ruled that the point of order was invalid, since no rule was being broken, but that it's a good idea to send the**

**legislators copies of the letter.**

**Unanimous consent was used AMEND by including a recommendation that DOT approve the applications.**

**The motion, as amended, to write a letter to Wal-Mart recommending the completion of Phases 2, 3 and 4 before the opening of the gas station, including a recommendation that DOT approve the applications, was ADOPTED 9-0-1 (Aye: Fukuda, Fukushima, Furutani, Howton, Imamura-Uruu, Nyuha, Pickard, Takahashi, Vina; Abstain: Duncan).**

**H-1 VIADUCT WIDENING** – Scott Ishikawa distributed pictures of the H-1 Freeway and the intersection of Kamehameha Highway and Honomanu Street, and conveyed the following:

- 1) Wal-Mart/Sam's Club Improvements – They've made headway on the plans for the right-turn lane going up Acacia Road. He reminded everyone that once DOT accepts the plans, they're responsible for any problems. The two intersections with Kamehameha Highway there, Waimano Home Road and Acacia Road, are very close together and DOT must ensure that the traffic flows on Kamehameha Highway.
- 2) The H-1 widening is anticipated to finish in June. On June 2 and 3, the westbound H-1 freeway from where the freeway splits to the Pearl City off-ramp will be closed from 9:30 p.m. to 8 a.m. The second freeway sign will go up soon.
- 3) The repairs at the intersection of Kamehameha Highway (townbound) and Honomanu Street have been delayed, but will be completed soon.

Chair Fukushima noted that the sign indicating the freeway closure is incomplete; Ishikawa will follow up.

**PEARL CITY VIADUCT – DOT PEARL CITY BASE YARD DEWATERING FACILITY** – Scott Ishikawa circulated informational brochures on dewatering facilities and imparted the following: The Environmental Protection Agency (EPA) has mandated stricter policies for cleaning storm drains, including street-sweeping every five weeks. DOT has made a space under the viaduct to provide space for items pulled out of the drains to dry, since wet items can't be taken to a landfill. The base yard's location is ideal for this dewatering facility, since it's as far as possible from people and is in a covered area. This new facility will be similar to the one in Ahuimanu and the construction date is set for the end of 2007.

Questions, comments and concerns followed:

- 1) Chair Fukushima inquired about the presence of flies and decay. Ishikawa responded that the drying space will be slightly set into the ground, to protect the drying debris from the wind.
- 2) Imamura-Uruu asked if they have started removing the cars from the "chop shop" there. Ishikawa confirmed this and added that they will put extra concrete barriers to prevent a recurrence.
- 3) Nyuha inquired about the composition of the waste matter at dewatering facilities. Ishikawa explained that a great deal of it is sand, sediment and runoff, although there may be oil and other items, since people just seem to dump anything into storm drains; there should be no waste material or sewage. Nyuha asked who would be monitoring the area; Ishikawa noted that it's fenced in, but he will follow up.
- 4) Pickard asked about the length of the drying process. Ishikawa replied that it takes about a week, or two to three days if the weather is good.
- 5) Pickard inquired about who DOT invited to the meeting on this new dewatering facility. Ishikawa answered that they invited everyone in the area, but only Robert Sato from Councilmember Okino's office attended.
- 6) Pickard thanked DOT for finally paving the area by Forty-Niners.
- 7) Chair Fukushima requested that Ishikawa give an update when the project develops. Ishikawa agreed.

**HAWAII REGIONAL BIO-SAFETY LABORATORY TASK FORCE UPDATE** – Pickard stated that there were no representatives at the Committees' meeting and none tonight, and it is upsetting him. He would like to put the issue to rest, since no money was allocated by the legislature to put the lab at Waimano Ridge. Chair Fukushima assented to removing the item from the agenda, and added that if the issue does not resurface, then it's "dead".

**WAIMANO RIDGE MASTER PLAN UPDATE** – Chair Fukushima reported that the current target date for the submission of the Draft Environmental Assessment (EA) to the DOH is in September, so this item may be taken off the agenda for now. (Vina later emailed this revised schedule to be incorporated into the minutes: (a) Publication of Final

Master Plan Report – July 15, 2006; (b) Publication of Draft EA – September 23, 2006; (c) Public Comment Period for Draft EA – September 23 to October 23, 2006; (d) Final EA and Tentative Issuance of the Finding of No Significant Impact (FONSI) – December 23, 2006.)

**SPORTSMEN LOUNGE** – Chair Fukushima relayed that the earliest date for a hearing for the non-renewal of the Sportsmen Lounge liquor license is May 25 or June 1. He cautioned the Board to not make any recommendations on this issue, because it's a landlord-tenant issue; however, Board members may make comments as individuals. Pickard will coordinate with the Honolulu Liquor Commission (LIQ) to keep the Board updated.

## **ELECTED OFFICIALS (2):**

**GOVERNOR'S REPRESENTATIVE** – Claire Nakamura distributed handouts and reported the following:

- 1) The University of Hawaii's (UH) position on the Regional Bio-Safety Lab is that Waimano Ridge is unsuitable due to the amount of infrastructure repair necessary; instead, Kakaako is a better site. The legislature gave \$7 to \$8 million for it, and the lab must be operational by 2010 to keep the \$25 million from the federal government to make the lab.
- 2) The Homeless Program Administrator of the Housing and Community Development Corporation of Hawaii (HCDCH), Sandra Miyoshi, is out of town, but would be happy to give a presentation at the June meeting.
- 3) Governor Lingle signed three bills into law dedicating over \$40 million to help end homelessness and increase the availability of affordable housing.
- 4) Gov. Lingle also signed bills that will improve Hawaii's ability to prepare for and respond to natural and man-made disasters.
- 5) The tax credit available for those affected by flood damage and the increase in the standard deduction will be effective for 2007. Hawaii has advanced from the second worst to fifth worst state in taxing the poor.

Questions, comments and concerns followed:

- 1) Pickard questioned when the hazardous materials (such as propane tanks) would be removed from Waimano Ridge. Nakamura will follow up.
- 2) Chair Fukushima asked if the Regional Bio-Safety Lab Task Force will continue. Nakamura will follow up.

**MAYOR'S REPRESENTATIVE** – Isaac Hokama distributed the May Mayor's Newsletter and provided the following responses to last month's questions:

- 1) The issue regarding the tall weeds that block the path of Lehua Elementary School students on Lehua Avenue was resolved by the property owner.
- 2) The area on Moanalua Road all the way to Waimano Home Road was treated with herbicide.
- 3) The traffic calming program on Lehua Avenue has been suspended, and the City Department of Transportation Services (DTS) is unable to install measures such as speed bumps at this time. Speeding is controlled through appropriate speed limit signage and enforcement by HPD. DTS conducted an investigation and found that the 25 mph signs on Lehua Avenue between Kamehameha Highway and Road "A" are appropriately posted. Therefore, the speeding concern was referred to HPD for their action. DTS recommends that residents continue to contact HPD for enforcement.
- 4) The pool use in the Pearl City area was not affected by the polluted natural waters. The City Department of Parks and Recreation (DPR) does not have the resources to extend pool hours.
- 5) The matter of posting pictures of the various Neighborhood Boards still has not been cleared by the Managing Director's office and is pending.

Questions, comments and concerns followed (Hokama will follow up):

- 1) Furutani related that the crosswalk by the Pacific Palisades Community Center (Ahuhu and Akepa Streets) is very faded.
- 2) Takahashi expressed his appreciation for the cut grass along the Pearl Harbor bike path.

Chair Fukushima circulated Senator Clarence Nishihara's report. There were no representatives present for Sen. Nishihara, Sen. David Ige or Representative Roy Takumi.

**COMMUNITY INPUT:**

**PACIFIC PALISADES COMMUNITY ASSOCIATION (PPCA)** – Pickard mentioned the garage sale signs that are left up indefinitely in the area and requested that Howton place the matter in the PPCA newsletter; Howton agreed, but noted that it's a continuing process to get people to remember to take down their signs.

**APPROVAL OF THE FEBRUARY 28, MARCH 28, AND APRIL 25, 2006 REGULAR MEETING MINUTES:** Chair Fukushima deferred the approval of the February 28 and March 28, 2006 minutes to next month's meeting. **The April 25, 2006 minutes were approved as circulated.**

**APRIL 2006 TREASURER'S REPORT:** Chair Fukushima indicated that the meeting mailout contained the March Treasurer's report and stated that it is filed. The Operating Account incurred expenses of \$65.62, leaving a balance of \$511.53, the Publicity Account incurred expenses of \$191.00, leaving a balance of \$288.55, and the Refreshment Account incurred no expenses, leaving a balance of \$3.81.

**COMMITTEE REFERRALS FOR ACTION/DEFERRAL:**

**EXECUTIVE** – Chair Fukushima imparted the following information:

- 1) **Transfer of Board Funds: Refreshment Account to Operating Account** – The request to transfer Board funds (\$27.36) from the Refreshment Account to the Operating Account was denied. It will be discussed at the next Committees meeting.
- 2) **Group Photographs for Website** – Board picture-taking is scheduled for the next meeting on June 27; these photos will be put up on the Board's website (<http://www.honolulu.gov/nco/nb21/index.htm>).
- 3) **Election of Board Officers** – Next month the Board must hold elections for its officers.

**HEALTH, EDUCATION AND WELFARE (HEW)** – Committee Chair Pickard offered the following updates:

- 1) **Homeless Problem in Pearl City** – He will contact Sandra Miyoshi, the Homeless Program Administrator of HCDCH, to schedule a presentation next month.
- 2) **Pacific Palisades Community Park Additional Improvements** – He requested further funding for the lights in the park from Councilmember Okino earlier in the meeting. Chair Fukushima suggested that the project be added to the letter to the City Council requesting support for certain community projects.
- 3) **Hawaii Brownfields Forum – Future Participation** – He requested this item be taken off the agenda.

**TRAFFIC AND TRANSPORTATION (TT)** – Committee Chair Vina highlighted the following:

- 1) **Oahu Metropolitan Planning Organization (OMPO) Citizen Advisory Committee (CAC) Report** – The Oahu Regional Transportation Plan 2030 has been accepted.
- 2) **Honolulu High Capacity Transit Corridor Project** – Gary Omori, with the Public Involvement Team, was recognized to give this update: An engineer will attend the Committees meeting in June to give updated information on the Alternatives Analysis. Omori would like as many people as possible to attend the meeting to hear the updated presentation and offer comments. He asked how long he would have to present at the June Committees meeting. Chair Fukushima replied that the Committees meeting will be started one-half hour early, at 6:30 p.m., to allow for more time for the presentation. Omori added that ridership figures will be available next month. Howton invited everyone to read Jerry Coffee's article in the May 24, 2006 MidWeek, entitled "A Flexible Light Rail Alternative".
- 3) **Wal-Mart/Sam's Club Community Shuttle Service** – He contacted Amanda Avilla, the coordinator of the proposed project, and is awaiting a response.

**DEVELOPMENT, PLANNING AND ZONING (DPZ)** – Chair Fukushima deferred action on these agenda items.

**LEGISLATIVE AND CAPITAL IMPROVEMENT PROGRAMS (LCIP)** – Committee Chair Fukuda relayed the following information:

- 1) **FY 2007 City Capital Improvement Project (CIP) Appropriations** – A draft letter to the City Council

requesting support for certain community projects was circulated previously.

**LCIP Committee Chair Fukuda moved, on behalf of the committee, to send the letter to City Council requesting support for certain community projects, including the lights for the Pacific Palisades Community Park, which was ADOPTED by unanimous consent (10-0-0).**

- 2) **City Charter Amendments** – All amendments relating to the Neighborhood Commission Office will not be placed on the ballot.

**PUBLICITY/REFRESHMENTS (P/R)** – Committee Chair Imamura-Uruu reported the following:

- 1) **June 2006 Yard of the Month** –

**P/R Committee Chair Imamura-Uruu moved, on behalf of the committee, to give the June Yard of the Month Award to Herbert and Nancy Takeuchi of Kuahaka Street in Manana, which was ADOPTED by unanimous consent (10-0-0).**

- 2) **Certificates of Recognition and Acknowledgement** – Next month, awards need to be given to the two local children that won Judo championships.
- 3) **Pearl City Graffiti Watch Program** – Pickard relayed that the Mayor has stated that the City and HPD will come down hard on graffiti artists and will provide resources to groups wanting to paint out graffiti.
- 4) **Olelo Telecast of FY 2007 Regular Board Meetings** – This is the first time that Kevin Cassel has ever missed a meeting without sending a replacement. There is a new Olelo channel no. 49, and it will be verified that the Pearl City meetings will be broadcast every Thursday night.

#### **ANNOUNCEMENTS:**

- 1) The next Committee meetings are scheduled for **Tuesday, June 20, 2006, 6:30 p.m.**, at the Highlands Intermediate School cafeteria.
- 2) The next regular Board meeting is scheduled for **Tuesday, June 27, 2006, 6:30 p.m.**, at the Highlands Intermediate School cafeteria.

**ADJOURNMENT:** The meeting adjourned at 10:25 p.m.

Submitted by: Rachel M. Glanstein, Neighborhood Assistant

Wednesday, June 21, 2006

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## **SECTION 5**

**City and County of Honolulu  
Department of Planning and Permitting (DPP)**

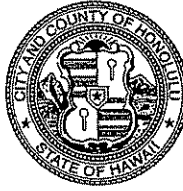
DEPARTMENT OF PLANNING AND PERMITTING  
**CITY AND COUNTY OF HONOLULU**

650 SOUTH KING STREET, 7<sup>TH</sup> FLOOR • HONOLULU, HAWAII 96813  
TELEPHONE: (808) 523-4432 • FAX: (808) 527-6743  
DEPT. INTERNET: [www.honoluluapp.org](http://www.honoluluapp.org) • INTERNET: [www.honolulu.gov](http://www.honolulu.gov)

MUFI HANNEMANN  
MAYOR

**RECEIVED**

2-13-07



HENRY ENG, FAICP  
DIRECTOR

DAVID K. TANOUE  
DEPUTY DIRECTOR

2007/ELOG-243(DT)

February 12, 2007

Ms. Christine Yott  
Staff Consultant  
Clayton Group Services, Inc.  
970 N. Kalaheo Avenue, Suite C-316  
Kailua, Hawaii 96734

Dear Mr. Oringer:

Subject: Proposed Verizon Wireless Monopole (Light Pole)  
Pearl City District Park  
785 Hoomaemae Street – Pearl City  
Tax Map Key 9-7-36: 123

This is in response to your request of January 29, 2007, for comments regarding potential impacts on historic properties or cultural resources pertaining to the above project and site. We have no knowledge that the site involves any significant historical or cultural resources. We recommend you contact the State of Hawaii, Department of Land and Natural Resources, Historic Preservation Division, for information concerning potential impacts to historical and/or cultural resources.

For zoning purposes, the proposed facility is considered a "utility installation, Type B" by the Land Use Ordinance and the proposed monopole requires a conditional use permit (CUP-minor) and a waiver (for height) since the proposed facility exceeds the zoning height limit. The applicant submitted these permit applications (File No. 2006/CUP-59 and 2006/W-64) to our department last year. However, on August 21, 2006, we ceased processing of the permit applications because the project did not comply with the requirements of Chapter 343, Hawaii Revised Statutes.

Please call Ms. Dana Teramoto of our staff at 523-4648 if you have any questions regarding this letter.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Henry Eng".

for Henry Eng, FAICP, Director  
Department of Planning and Permitting

HE:pl





## **SECTION 6**

### **Tower Construction Notification System (TCNS)**

**TCNS Site Registration Confirmation  
Notice of Organizations Sent TCNS Data  
Tribal Correspondence  
FCC Clearance**



towernotifyinfo@fcc.gov

02/13/2007 11:19 AM

To Christine Yott/USA/VERITAS@VERITAS

cc

bcc

Subject Proposed Tower Structure Info - Email ID #1454143

Dear Christine Yott Ms,

Thank you for submitting a notification regarding your proposed structure via the Tower Construction Notification Application. Note that the FCC has assigned a unique Notification ID number for this proposed structure. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the tower you have proposed to construct:

Notification Received: 02/13/2007

Notification ID: 24839

Tower Owner Individual or Entity Name: Verizon Wireless

Consultant Name: Christine Yott Ms

Street Address: 970 N. Kalaheo Avenue

Suite C-316

City: Kailua, Oahu

State: HAWAII

Zip Code: 96734

Phone: 808-531-6708

Email: Christine.Yott@us.bureauveritas.com

Structure Type: BPOLE - Building with Pole

Latitude: 21 deg 24 min 10.4 sec N

Longitude: 157 deg 57 min 8.2 sec W

Location Description: 785 Hoomaemae Street

City: Pearl City

State: HAWAII

County: HONOLULU

Ground Elevation: 82 meters

Support Structure: 21.6 meters above ground level

Overall Structure: 21.6 meters above ground level

Overall Height AMSL: 103.6 meters above mean sea level



towernotifyinfo@fcc.gov  
02/15/2007 10:00 PM

To Christine Yott/USA/VERITAS@VERITAS  
cc kim.pristello@fcc.gov, diane.dupert@fcc.gov  
bcc

Subject NOTICE OF ORGANIZATION(S) WHICH WERE SENT  
PROPOSED TOWER CONSTRUCTION NOTIFICATION  
INFORMATION - Email ID #1456140

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. TCNS Representative Jesse Yorck - Office of Hawaiian Affairs - Honolulu, HI  
- electronic mail and regular mail

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic

preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

2. SHPO Peter T Young - Department of Land & Natural Resources - Kapolei, HI - regular mail

3. Administrator Melanie Chinen - State Historic Preservation Office - Kapolei, HI - regular mail

"Exclusions" above set forth language provided by the Tribe, NHO, or SHPO. These exclusions may indicate types of tower notifications that the Tribe, NHO, or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribes, NHOs, and SHPOs that have an expressed interest in the geographic area of a proposal, as well as Tribes and NHOs that have not limited their geographic areas of interest. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribe, NHO, or SHPO. Exclusions may also set forth policies or procedures of a particular Tribe, NHO, or SHPO (for example, types of information that a Tribe routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 02/13/2007  
Notification ID: 24839  
Tower Owner Individual or Entity Name: Verizon Wireless  
Consultant Name: Christine Yott Ms  
Street Address: 970 N. Kalaheo Avenue  
Suite C-316  
City: Kailua, Oahu  
State: HAWAII  
Zip Code: 96734  
Phone: 808-531-6708  
Email: Christine.Yott@us.bureauveritas.com

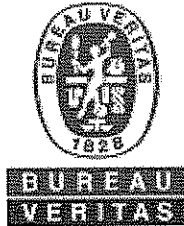
Structure Type: BPOLE - Building with Pole  
Latitude: 21 deg 24 min 10.4 sec N  
Longitude: 157 deg 57 min 8.2 sec W  
Location Description: 785 Hoomaemae Street  
City: Pearl City  
State: HAWAII  
County: HONOLULU  
Ground Elevation: 82.0 meters  
Support Structure: 21.6 meters above ground level  
Overall Structure: 21.6 meters above ground level  
Overall Height AMSL: 103.6 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,  
Federal Communications Commission



January 29, 2007

Ms. Kiersten Faulkner, Executive Director  
Historic Hawaii Foundation (HHF)  
680 Iwilei Road / Suite #690  
Honolulu, Oahu, Hawaii 96817

Clayton Project No. #17006-006428.00

Subject: Historic Sites and Impact Determination Request for Proposed Verizon Wireless  
HON Lunalilo Cell Site, 785 Hoomaemae Street (TMK No.: [1] 9-7-036: Parcel  
123), Pearl City, Oahu, Hawaii 96782

Dear Ms. Faulkner:

Clayton Group Services, Inc. (Clayton), a Bureau Veritas Company, has been retained by Verizon Wireless to conduct a site evaluation for the Federal Communications Commission (FCC), of the proposed Verizon Wireless Lunalilo Cell Site, 785 Hoomaemae Street (TMK No.: [1] 9-7-036: Parcel 123), Pearl City, Oahu, Hawaii 96782.

Pursuant to FCC rules regarding review under Section 106 of the National Historic Preservation Act (NHPA), we are contacting you for information with regards to any potential impacts to historic properties, religious, or cultural resources that the proposed wireless telecommunications facility may have.

Per FCC requirements, Clayton is also contacting other applicable agencies and Native Hawaiian organizations, and will be running a Legal Notice in the local newspaper as a public notification effort. A formal submission and application for zoning approval of the proposed project is being handled by other professionals under separate project tasks.

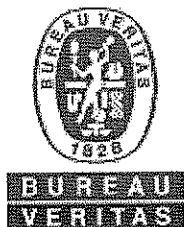
#### **Project Description**

The subject parcel, currently owned by the City and County of Honolulu, encompasses approximately 9.947 acres of land in a residential setting. Currently, the subject parcel is improved with the Lunalilo/Pearl City District Park, which includes a gymnasium, a recreation building, two (2) swimming pools, two (2) basketball courts, four (4) tennis courts, two (2) baseball diamonds and a parking lot.

The subject property (proposed VZW HON Lunalilo Cell Site) comprises an approximately 830 square foot lease area consisting of an approximately 12 by 26-foot (475 square foot) patch of unvegetated land (proposed Telecom Building) and an existing 50-foot high light standard (proposed antenna site) located approximately 150 feet northeast of the lease area. The lease area is located in the southwest corner of the subject parcel (Approximate Lat/Long: 21° 24' 10.4"

Clayton Group Services, Inc.  
*A Bureau Veritas Company*  
970 North Kalaheo Avenue Suite C-316  
Kailua, HI 96734

Main: (808) 531.6708  
Fax: (808) 537.4084  
[www.us.bureauveritas.com](http://www.us.bureauveritas.com)



Ms. Kiersten Faulkner  
Executive Director  
Historic Hawaii Foundation (HHF)

Page 2  
Clayton Project No. #17006-006428.00  
January 29, 2007

North, 157° 57' 8.21" West), currently this area consists of a patchy lawn with areas of exposed soil (red clay).

The area surrounding the subject property consists of residential properties and school buildings. The uses and features of adjoining properties are described as follows. To the north are Pearl City District Park grounds, beyond which is Hoomaemae Street and residential properties. To the south are Pearl City District Park grounds, beyond which are residential properties and Noelani Street. To the east are Pearl City District Park grounds, beyond which is Park Highlands Intermediate School. To the west is Pearl City District Park grounds, beyond which is Pearl City Highlands School.

According to the Verizon Wireless, the proposed action involves replacing an existing light standard with a stealth light standard monopole and installing canister antennas on top. The maximum finished height of the light standard and antenna tips will be approximately 71 feet above ground level (AGL). Additionally, a 12-by-28 foot prefabricated equipment shelter will be installed on park grounds, approximately 150 feet southwest of the light standard, to house the associated telecommunications equipment. The building will be surrounded by a six-foot high chain-link fence enclosure.

Construction activities will have a minor impact to the ground surface.

### **Recent History**

The historical research has established the use of the subject parcel/property since 1928, when it was depicted as undeveloped land. Subsequent topographic maps from 1954 to 1968 depicted the subject parcel/property as undeveloped except for one small structure depicted in the northwestern central region of the subject parcel/property on the 1968 map. Historical aerial photographs from 1939-41 and 1951 showed the area of the subject parcel as cultivated agricultural land with one unimproved roadway. Subsequent aerial photographs from 1962 and 1968 showed the area of the subject parcel as a park, equipped with tennis and/or basketball courts. The 1968 aerial photograph indicated that a building and swimming pools had been added to the existing park features. According to the City and County of Honolulu tax records, the existing park buildings were constructed in 2001.

Past ownership of the subject parcel/property has been established since 1946. Historical tax assessment records indicated that the subject parcel was formerly part of larger parcels, which have been subdivided over the years. These former parcels were owned by the Hawaiian Land & Improvement Company, Ltd. between 1946 and 1959. The parcels were leased to Oahu Sugar Company, Ltd. from 1952 until approximately 1959. The land was purchased by the City and County of Honolulu in 1959. The current subject parcel was created in 1981.



Ms. Kiersten Faulkner  
Executive Director  
Historic Hawaii Foundation (HHF)

Page 3  
Clayton Project No. #17006-006428.00  
January 29, 2007

**Information Request**

As noted, we are requesting information on any Native Hawaiian cultural, religious, and/or burial sites; historic places, artifacts, and/or other related concerns at the proposed project site; and whether or not any of these issues will be impacted by the proposed wireless telecommunications project.

Per FCC NEPA/NHPA 106 Process guidelines, please provide *written* documentation of your findings within 30 days, either to the address shown below, via fax at 808.537.4084, or by email to [christine.yott@us.bureauveritas.com](mailto:christine.yott@us.bureauveritas.com).

If you have any questions or concern, please feel free to contact me at 808.531.6708. We greatly appreciate your time and assistance in this matter. Mahalo nui loa!

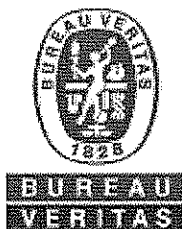
Regards,

Christine Yott  
Staff Consultant  
Clayton Group Services, Inc.

/jl

Attachment: Verizon Wireless HON Lunalilo Cell Site Figures, Construction Drawings and Photos





## **ATTACHMENT**

### **Figures, Construction Drawings, and Photographs For the Proposed Verizon Wireless HON Lunalilo Cell Site**

Clayton Group Services, Inc.

*A Bureau Veritas Company*

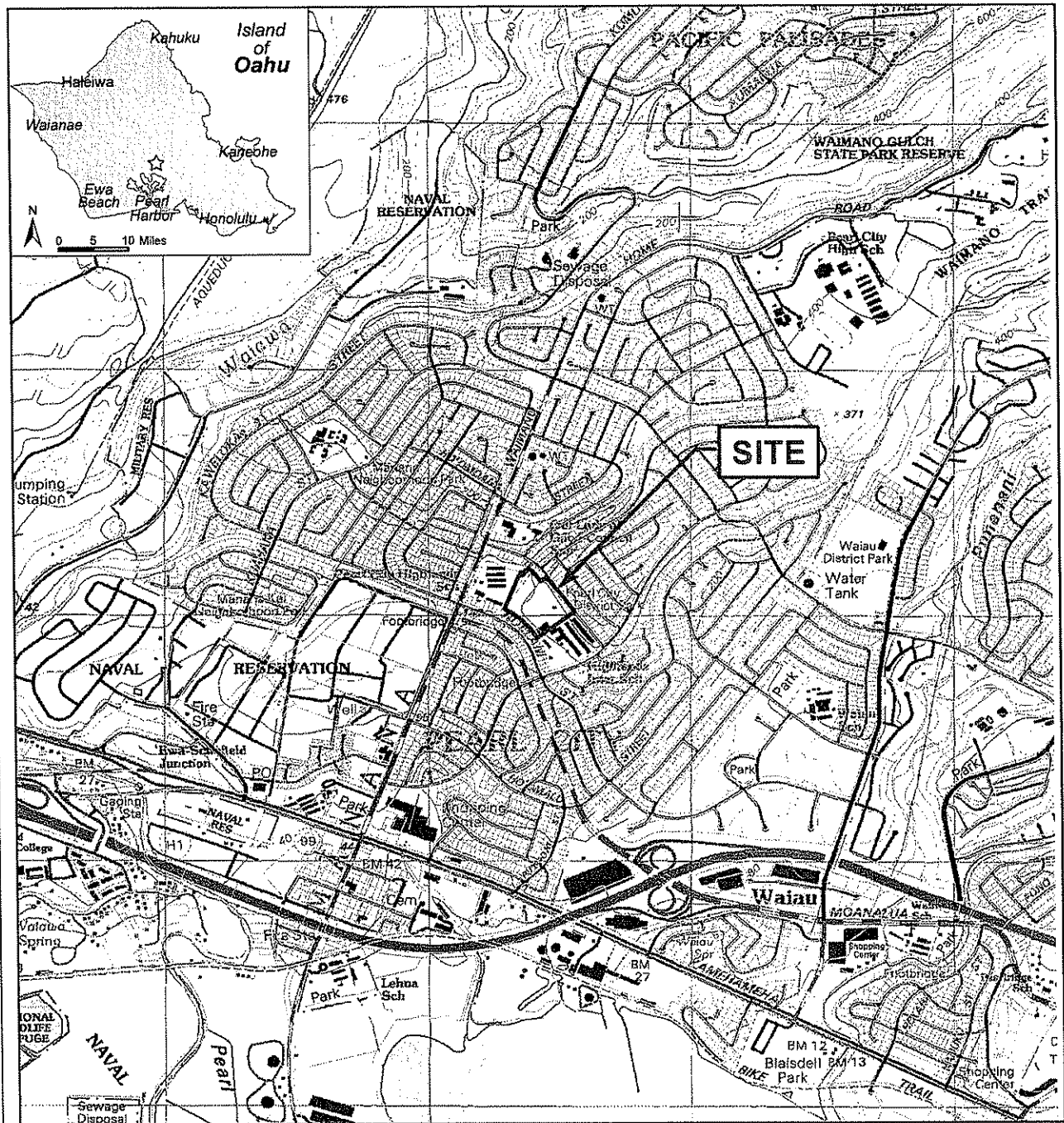
970 North Kalaheo Avenue Suite C-316

Kailua, HI 96734

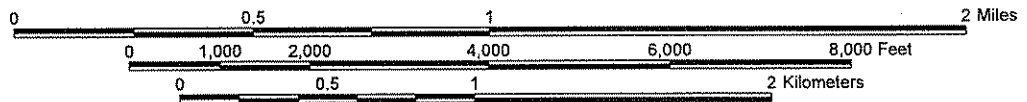
Main: (808) 531.6708

Fax: (808) 537.4084

[www.us.bureauveritas.com](http://www.us.bureauveritas.com)



1:24,000



Portion of 7.5-minute Series (Topographic) Maps  
USGS, Waipahu Quadrangle 1998, Hawaii County, Hawaii



**BUREAU  
VERITAS**

Project No.:  
**17006-006428.00**

Date:  
**09/15/2006**

Revised By:  
**RC**

Checked By:  
**KG**

Title:

## Site Location Map

Location:

VZW HON Lunalilo Cell Site (#2005090690)  
785 Hoomaemae Street  
Pearl City, Oahu, Hawaii  
TMK: (1) 9-7-036: Parcel 123

Client:

Verizon Wireless (VZW) / Cades Schutte, LLP

FIGURE

1



Source: Earth Data Aerial Imagery 2004



0 60 120 240 Feet



**BUREAU  
VERITAS**

Project No.:  
17006-006428.00

Date:  
09/18/2006

Revised By:  
RC

Checked By:  
KG

Title:

## Site Vicinity Map

Location: VZW HON Lunalilo Cell Site (#2005090690)  
785 Hoomaemae Street  
Pearl City, Oahu, Hawaii  
TMK: (1) 9-7-036: Parcel 123

Client: Verizon Wireless (VZW) / Cades Schutte, LLP

FIGURE

2

REVISIONS

# NEW EQUIPMENT BUILDING

VERIZON WIRELESS - LUNALILO PEARL CITY PARK  
PEARL CITY, OAHU, HAWAII  
TMK: 9-7-024:012

MONOPOLE ELEVATION  
EXTERIOR ELEVATIONS

STUDIO  
200

480 IMILE ROAD, SUITE 532  
HONOLULU, HAWAII 96817

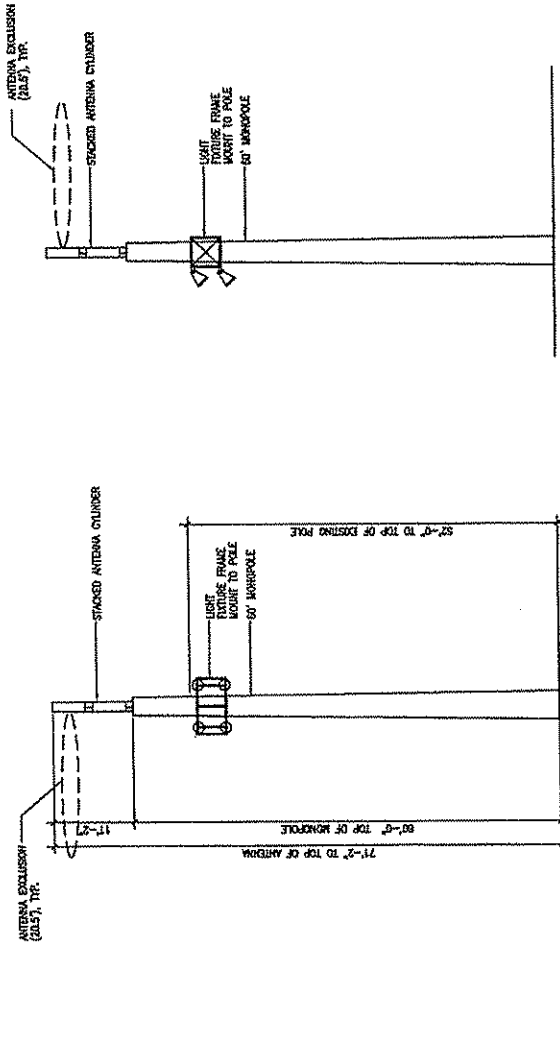


THIS WORK WAS PROVIDED BY ME  
OR UNDER MY CLOSE PERSONAL  
SUPERVISION AND I AM AWARE  
OF THE CONTENTS OF THIS PROJECT  
AND THE USE OF THIS PROJECT

SHEET  
DATE  
MARCH 17, 2004

7-2

100% 5/03



1 TYPICAL SECTOR CONFIGURATION TOP VIEW

1/2" = 1'-0"



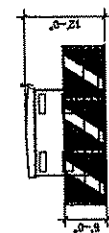
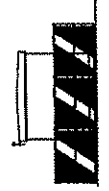
3 MONOPOLE ELEVATION

1/8" = 1'-0"



2 MONOPOLE ELEVATION

1/8" = 1'-0"



7 NORTH ELEVATION

1/8" = 1'-0"



6 WEST ELEVATION

1/8" = 1'-0"



55 SOUTH ELEVATION

1/8" = 1'-0"



4 EAST ELEVATION

1/8" = 1'-0"





|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of baseball diamond looking northeast from proposed telecom building location                               | Photo 1    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of proposed telecom building location looking northwest   | Photo 2    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |                    |  |                   |
|--|--------------------|--|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View from proposed telecom building location looking west (Pearl City Highlands School)                          | <b>Photo 3</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless   | 3/14/2007         |

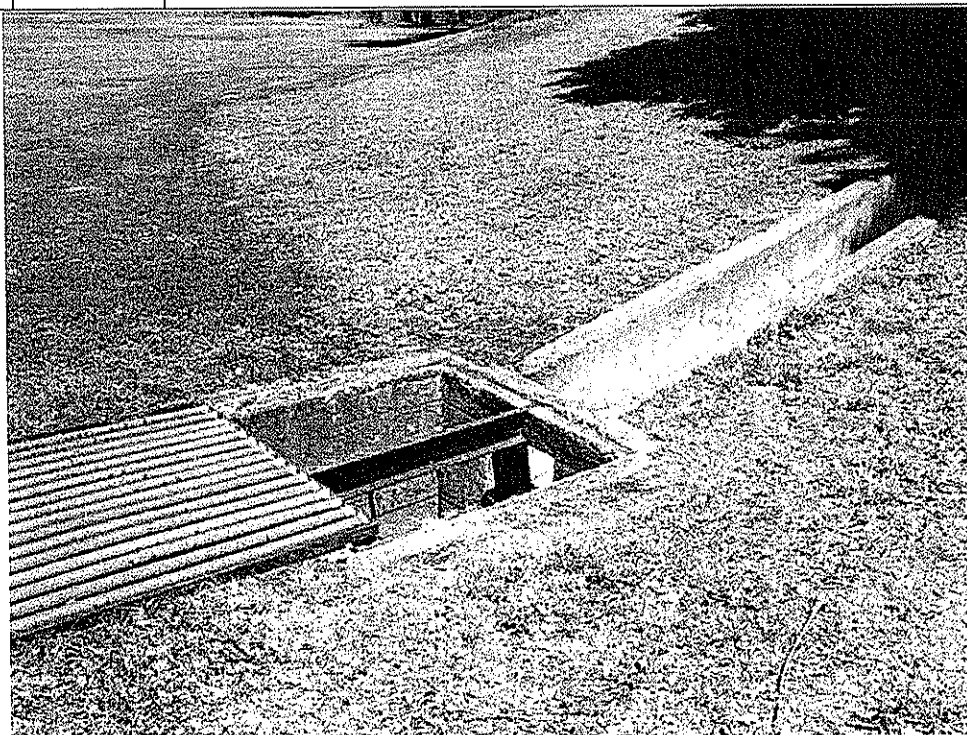
|  |                    |  |                   |
|--|--------------------|--|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View from proposed telecom building location looking south (residential properties)                              | <b>Photo 4</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless   | 3/14/2007         |



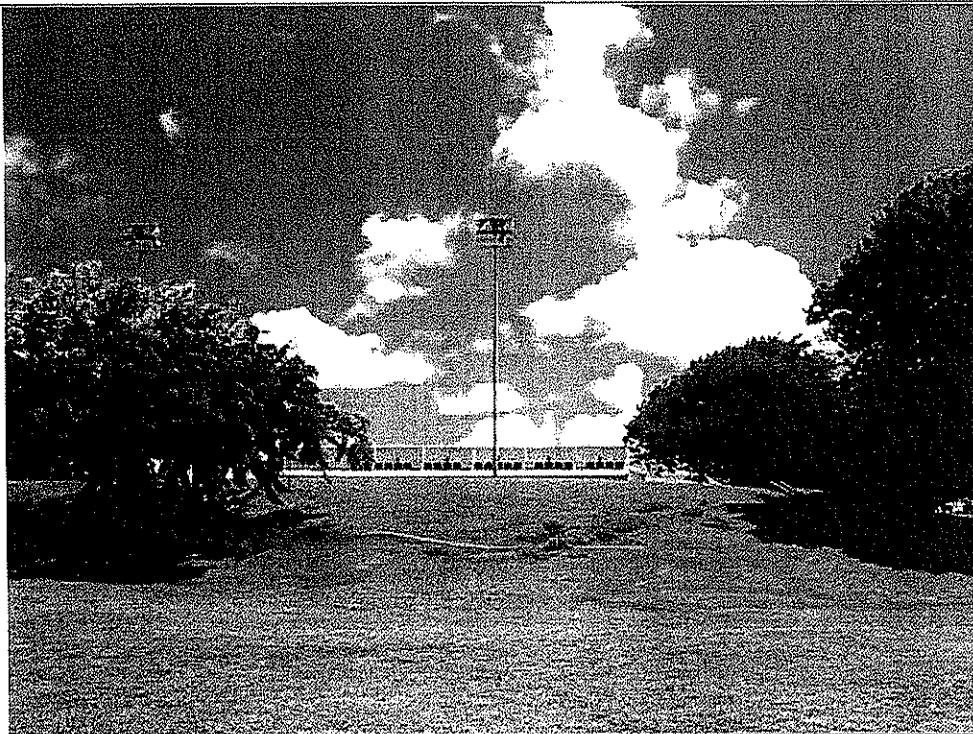




|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View from proposed telecom building location, looking east towards gymnasium                                     | Photo 5    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of drain northeast of proposed telecom building location  | Photo 6    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of proposed light standard looking east   | Photo 7    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of tennis and basketball courts,beyond which is Park Highlands Intermediate School , looking northeast from proposed light standard | Photo 8    |
|  | Site Name   | Proposed Verizon Wireless HON Lunallilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii                        | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |

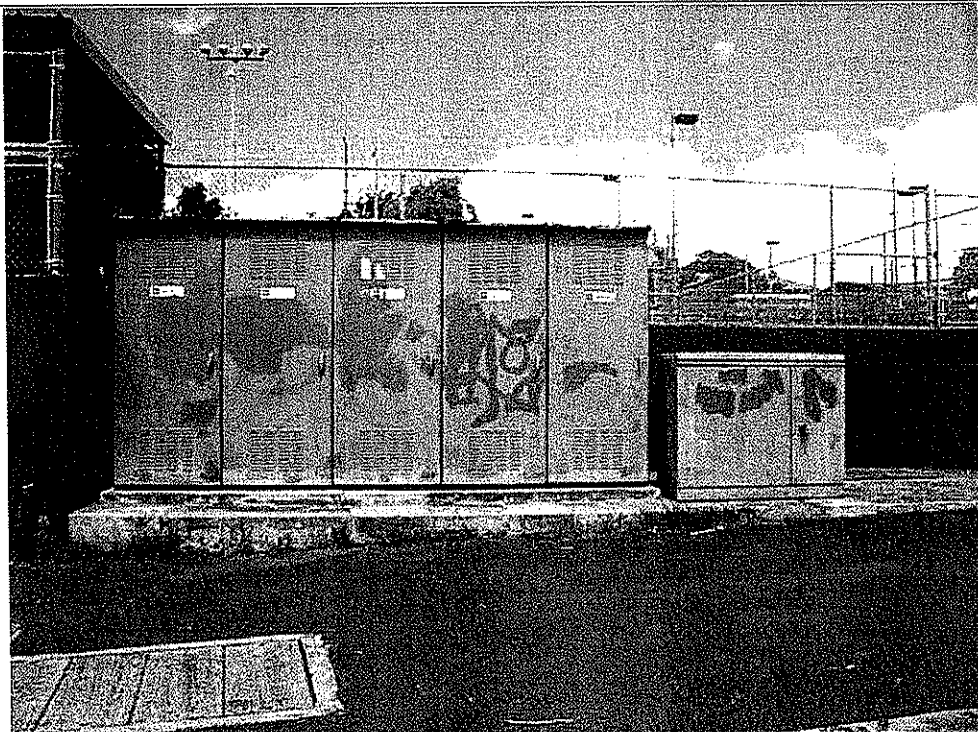




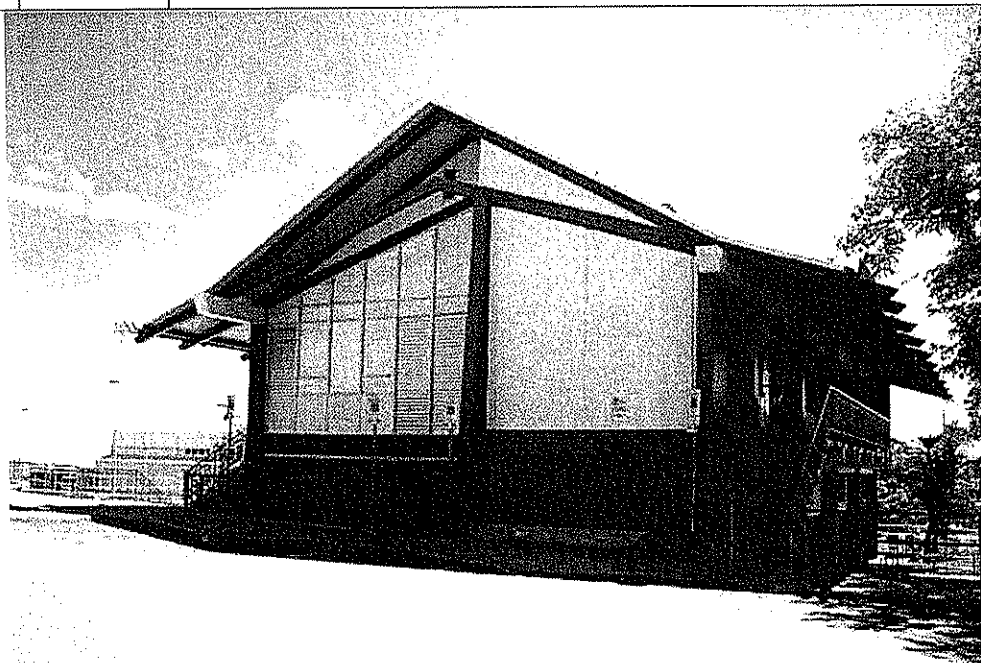
|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of gymnasium looking east from proposed light standard  | Photo 9    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of proposed light standard looking west   | Photo 10   |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of transformers in northwest-central region of subject parcel, adjacent to south side of pool               | Photo 11   |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of recreation building on subject parcel looking southeast  | Photo 12   |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



## **Second Notice**

April 2, 2007

Ms. Kiersten Faulkner, Executive Director  
Historic Hawaii Foundation (HHF)  
680 Iwilei Road / Suite #690  
Honolulu, Oahu, Hawaii 96817

Project No. #17006-006428.00

Subject: Historic Sites and Impact Determination Request for Proposed Verizon Wireless  
HON Lunalilo Cell Site, 785 Hoomaemae Street (TMK No.: [1] 9-7-036: Parcel  
123), Pearl City, Oahu, Hawaii 96782

Dear Ms. Faulkner:

Clayton Group Services, Inc. (Clayton), a Bureau Veritas Company, has been retained by Verizon Wireless to conduct a site evaluation for the Federal Communications Commission (FCC), of the proposed Verizon Wireless Lunalilo Cell Site, 785 Hoomaemae Street (TMK No.: [1] 9-7-036: Parcel 123), Pearl City, Oahu, Hawaii 96782.

Pursuant to FCC rules regarding review under Section 106 of the National Historic Preservation Act (NHPA), we are contacting you for information with regards to any potential impacts to historic properties, religious, or cultural resources that the proposed wireless telecommunications facility may have.

Per FCC requirements, Clayton is also contacting other applicable agencies and Native Hawaiian organizations, and will be running a Legal Notice in the local newspaper as a public notification effort. A formal submission and application for zoning approval of the proposed project is being handled by other professionals under separate project tasks.

### **Project Description**

The subject parcel, currently owned by the City and County of Honolulu, encompasses approximately 9.947 acres of land in a residential setting. Currently, the subject parcel is improved with the Lunalilo/Pearl City District Park, which includes a gymnasium, a recreation building, two (2) swimming pools, two (2) basketball courts, four (4) tennis courts, two (2) baseball diamonds and a parking lot.

The subject property (proposed VZW HON Lunalilo Cell Site) comprises an approximately 830 square foot lease area consisting of an approximately 12 by 26-foot (475 square foot) patch of unvegetated land (proposed Telecom Building) and an existing 50-foot high light standard

Clayton Group Services, Inc.

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[www.us.bureauveritas.com](http://www.us.bureauveritas.com)



Ms. Kiersten Faulkner  
Executive Director  
Historic Hawaii Foundation (HHF)

Page 2  
Clayton Project No. #17006-006428.00  
April 2, 2007

(proposed antenna site) located approximately 150 feet northeast of the lease area. The lease area is located in the southwest corner of the subject parcel (Approximate Lat/Long: 21° 24' 10.4" North, 157° 57' 8.21" West), currently this area consists of a patchy lawn with areas of exposed soil (red clay).

The area surrounding the subject property consists of residential properties and school buildings. The uses and features of adjoining properties are described as follows. To the north are Pearl City District Park grounds, beyond which is Hoomaemae Street and residential properties. To the south are Pearl City District Park grounds, beyond which are residential properties and Noelani Street. To the east are Pearl City District Park grounds, beyond which is Park Highlands Intermediate School. To the west is Pearl City District Park grounds, beyond which is Pearl City Highlands School.

According to the Verizon Wireless, the proposed action involves replacing an existing light standard with a stealth light standard monopole and installing canister antennas on top. The maximum finished height of the light standard and antenna tips will be approximately 71 feet above ground level (AGL). Additionally, a 12-by-28 foot prefabricated equipment shelter will be installed on park grounds, approximately 150 feet southwest of the light standard, to house the associated telecommunications equipment. The building will be surrounded by a six-foot high chain-link fence enclosure.

Construction activities will have a minor impact to the ground surface.

### **Recent History**

The historical research has established the use of the subject parcel/property since 1928, when it was depicted as undeveloped land. Subsequent topographic maps from 1954 to 1968 depicted the subject parcel/property as undeveloped except for one small structure depicted in the northwestern central region of the subject parcel/property on the 1968 map. Historical aerial photographs from 1939-41 and 1951 showed the area of the subject parcel as cultivated agricultural land with one unimproved roadway. Subsequent aerial photographs from 1962 and 1968 showed the area of the subject parcel as a park, equipped with tennis and/or basketball courts. The 1968 aerial photograph indicated that a building and swimming pools had been added to the existing park features. According to the City and County of Honolulu tax records, the existing park buildings were constructed in 2001.

Past ownership of the subject parcel/property has been established since 1946. Historical tax assessment records indicated that the subject parcel was formerly part of larger parcels, which have been subdivided over the years. These former parcels were owned by the Hawaiian Land & Improvement Company, Ltd. between 1946 and 1959. The parcels were leased to Oahu Sugar



Ms. Kiersten Faulkner  
Executive Director  
Historic Hawaii Foundation (HHF)

Page 3  
Clayton Project No. #17006-006428.00  
April 2, 2007

Company, Ltd. from 1952 until approximately 1959. The land was purchased by the City and County of Honolulu in 1959. The current subject parcel was created in 1981.

### **Information Request**

As noted, we are requesting information on any Native Hawaiian cultural, religious, and/or burial sites; historic places, artifacts, and/or other related concerns at the proposed project site; and whether or not any of these issues will be impacted by the proposed wireless telecommunications project.

Per FCC NEPA/NHPA 106 Process guidelines, please provide *written* documentation of your findings within 30 days, either to the address shown below, via fax at 808.537.4084, or by email to [christine.yott@us.bureauveritas.com](mailto:christine.yott@us.bureauveritas.com).

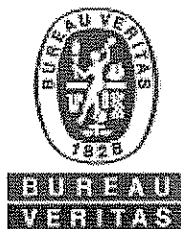
If you have any questions or concern, please feel free to contact me at 808.531.6708. We greatly appreciate your time and assistance in this matter. Mahalo nui loa!

Regards,

Christine Yott  
Staff Consultant  
Clayton Group Services, Inc.

/jl

Attachment: Verizon Wireless HON Lunalilo Cell Site Figures, Construction Drawings and Photos



## **ATTACHMENT**

### **Figures, Construction Drawings, and Photographs For the Proposed Verizon Wireless HON Lunalilo Cell Site**

Clayton Group Services, Inc.

*A Bureau Veritas Company*

970 North Kalaheo Avenue Suite C-316

Kailua, HI 96734

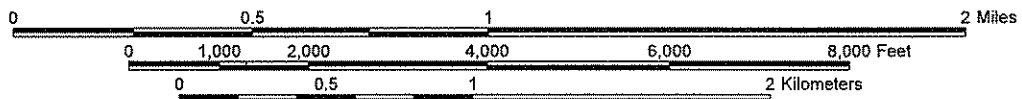
Main: (808) 531.6708

Fax: (808) 537.4084


[www.us.bureauveritas.com](http://www.us.bureauveritas.com)



1:24,000



Portion of 7.5-minute Series (Topographic) Maps  
USGS, Waipahu Quadrangle 1998, Hawaii County, Hawaii

|   |                                 |   |                               |
|---|---------------------------------|---|-------------------------------|
|  | Project No.:<br>17006-006428.00 | Title:<br><b>Site Location Map</b>  | <b>FIGURE</b><br><br><b>1</b> |
|   | Date:<br>09/15/2006             | Location:<br>VZW HON Lunalilo Cell Site (#2005090690)<br>785 Hoomaemae Street<br>Pearl City, Oahu, Hawaii<br>TMK: (1) 9-7-036: Parcel 123 |                               |
|   | Revised By:<br>RC               | Client:<br>Verizon Wireless (VZW) / Cades Schutte, LLP  |                               |
|   | Checked By:<br>KG               |   |                               |







Source: Earth Data Aerial Imagery 2004



0 60 120 240 Feet

|  |  |   |                               |
|--|--|---|-------------------------------|
| <br> | Project No.:<br><b>17006-006428.00</b> | Title:<br><b>Site Vicinity Map</b>  | <b>FIGURE</b><br><br><b>2</b> |
|  | Date:<br><b>09/18/2006</b>             | Location:<br><b>VZW HON Lunalilo Cell Site (#2005090690)</b><br><b>785 Hoomaemae Street</b><br><b>Pearl City, Oahu, Hawaii</b><br><b>TMK: (1) 9-7-036: Parcel 123</b> |                               |
|  | Revised By:<br><b>RC</b>               | Client:<br><b>Verizon Wireless (VZW) / Cades Schutte, LLP</b>   |                               |
|  | Checked By:<br><b>KG</b>               |   |                               |



REVISIONS

VERIZON WIRELESS - LUNALILO PEARL CITY PARK  
NEW EQUIPMENT BUILDING

785 HOOMAEAE STREET  
PEARL CITY, OAHU, HAWAII  
TMK: 9-7-024:012

MONOPOLE ELEVATION  
EXTERIOR ELEVATION

STUDIO  
200

680 IVIEI ROAD, SUITE 532  
HONOLULU, HAWAII 96817

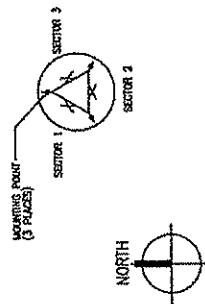
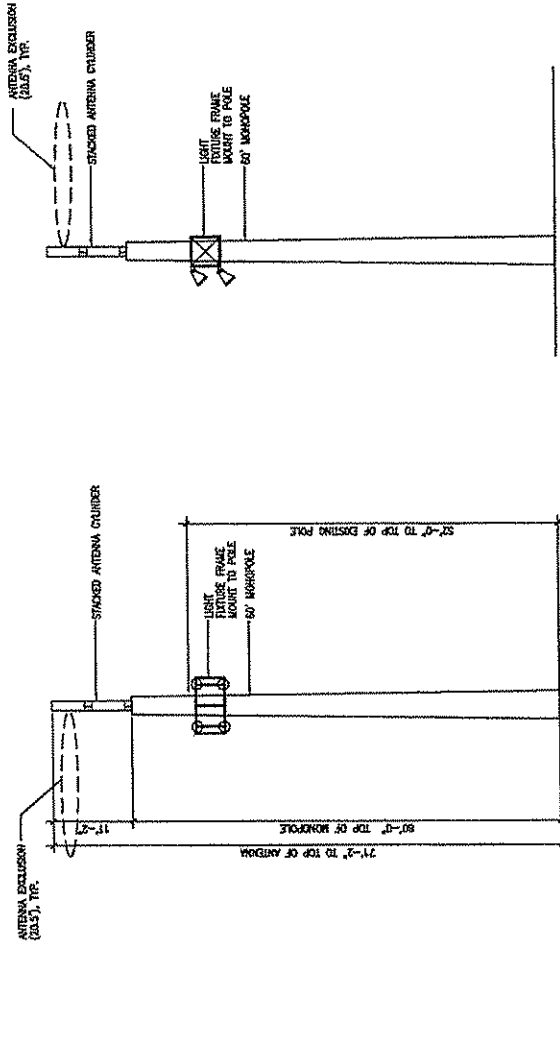


THIS SEAL WAS PREPARED BY ME  
ON LANCE AT HONOLULU, HAWAII  
ON 03/27/2006

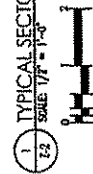
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DRAWN BY: [Signature]

7-2

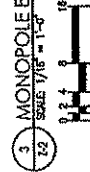
05 0403



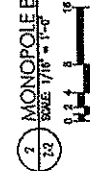
1 TYPICAL SECTOR CONFIGURATION TOP VIEW



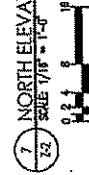
2 MONOPOLE ELEVATION



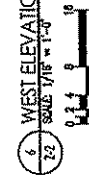
3 MONOPOLE ELEVATION



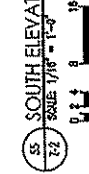
4 NORTH ELEVATION



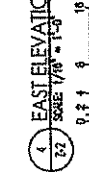
5 WEST ELEVATION




6 SOUTH ELEVATION




7 EAST ELEVATION



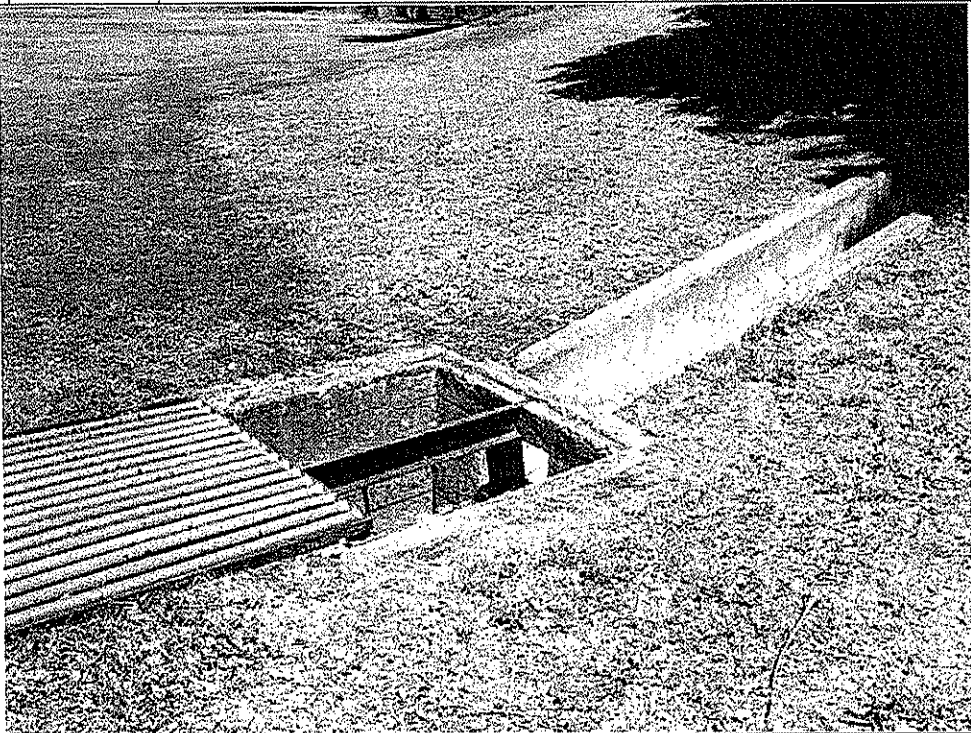


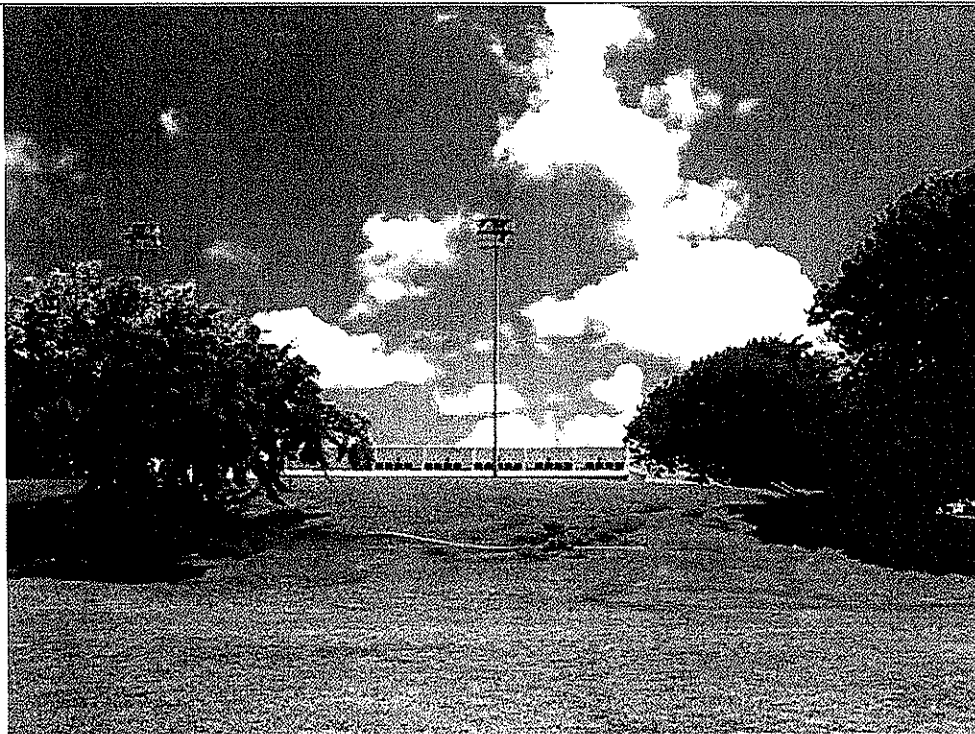
|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00   | Description | View of baseball diamond looking northeast from proposed telecom building location                               | Photo 1    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |
|  |             |  |            |
| Project<br>Number<br><br>17006-006428.00   | Description | View of proposed telecom building location looking northwest   | Photo 2    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00   | Description | View from proposed telecom building location looking west (Pearl City Highlands School)                          | Photo 3    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |
|  |             |  |            |
| Project<br>Number<br><br>17006-006428.00   | Description | View from proposed telecom building location looking south (residential properties)                              | Photo 4    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00   | Description | View from proposed telecom building location, looking east towards gymnasium                                     | Photo 5    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |
|  |             |  |            |
| Project<br>Number<br><br>17006-006428.00   | Description | View of drain northeast of proposed telecom building location  | Photo 6    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |

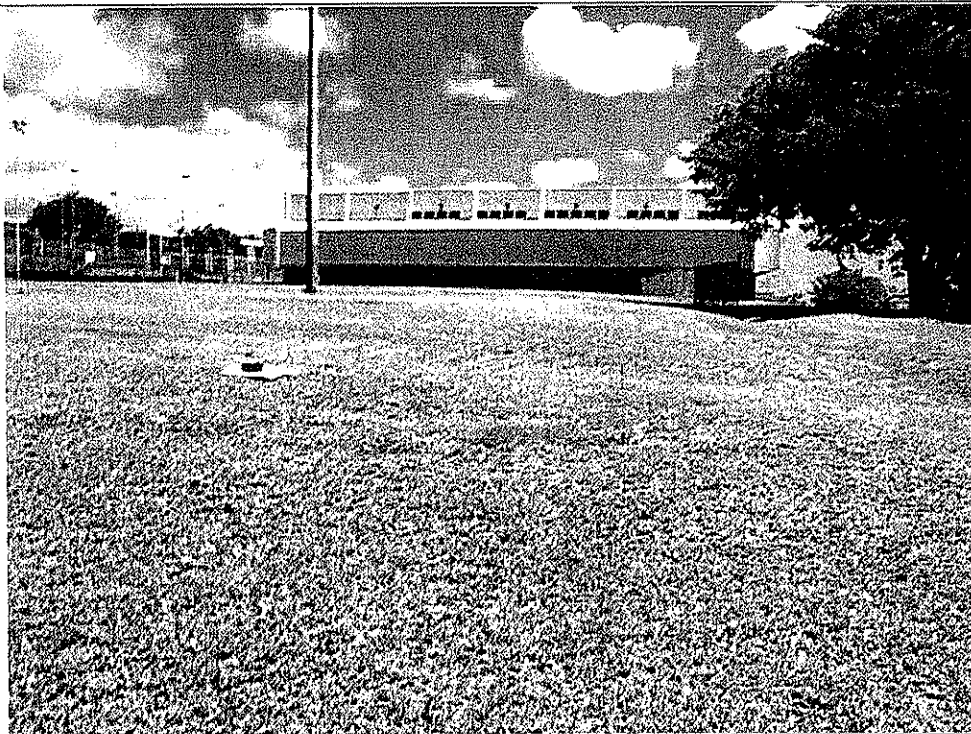


|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of proposed light standard looking east   | Photo 7    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of tennis and basketball courts,beyond which is Park Highlands Intermediate School , looking northeast from proposed light standard | Photo 8    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii                         | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |

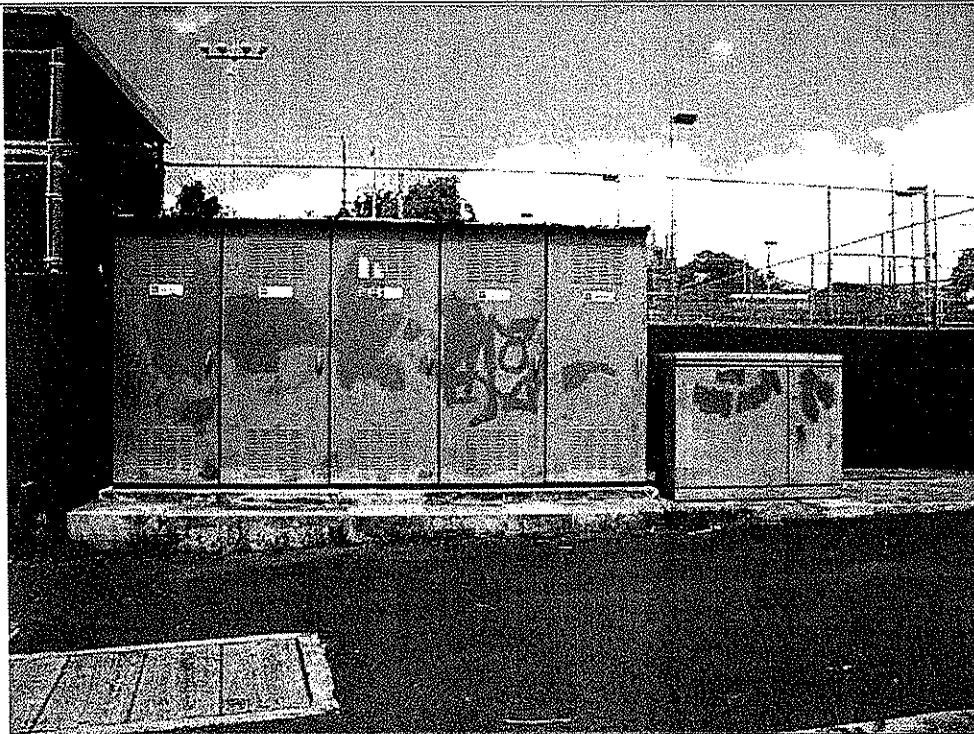




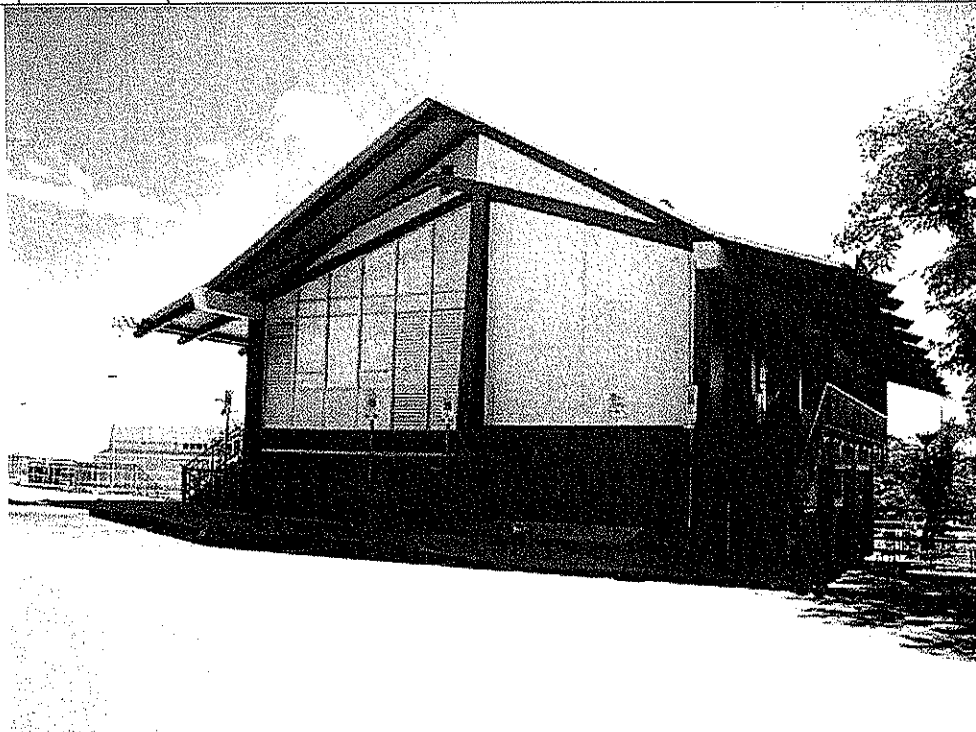
|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of gymnasium looking east from proposed light standard  | Photo 9    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of proposed light standard looking west   | Photo 10   |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of transformers in northwest-central region of subject parcel, adjacent to south side of pool               | Photo 11   |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of recreation building on subject parcel looking southeast  | Photo 12   |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



January 29, 2007

Mr. Charles K. Maxwell, Sr., Po'o  
Hui Malama I Na Kupuna O Hawai'i Nei  
157 Alea Place  
Makawao, Maui, Hawaii 96768

Clayton Project No. #17006-006428.00

Subject: Historic Sites and Impact Determination Request for Proposed Verizon Wireless  
HON Lunalilo Cell Site, Located at 785 Hoomaemae Street, (TMK No.: [1] 9-7-  
036: Parcel 123), Pearl City, Oahu, Hawaii 96782

Dear Mr. Maxwell:

Clayton Group Services, Inc. (Clayton), a Bureau Veritas Company, has been retained by Verizon Wireless to conduct a site evaluation for the Federal Communications Commission (FCC), of the above-referenced proposed cellular wireless telecommunications project.

Pursuant to FCC rules regarding review under Section 106 of the National Historic Preservation Act (NHPA), we are contacting you for information with regards to any potential impacts to historic properties, religious, or cultural resources that the proposed wireless telecommunications facility may have.

Per FCC requirements, Clayton is also contacting other applicable agencies and Native Hawaiian organizations, and will be running a Legal Notice in the local newspaper as a public notification effort. A formal submission and application for zoning approval of the proposed project is being handled by other professionals under separate project tasks.

#### **Project Description**

The subject parcel, currently owned by the City and County of Honolulu, encompasses approximately 9.947 acres of land in a residential setting. Currently, the subject parcel is improved with the Lunalilo/Pearl City District Park, which includes a gymnasium, a recreation building, two (2) swimming pools, two (2) basketball courts, four (4) tennis courts, two (2) baseball diamonds and a parking lot.

The subject property (proposed VZW HON Lunalilo Cell Site) comprises an approximately 830 square foot lease area consisting of an approximately 12 by 26-foot (475 square foot) patch of unvegetated land (proposed Telecom Building) and an existing 50-foot high light standard (proposed antenna site) located approximately 150 feet northeast of the lease area. The lease area is located in the southwest corner of the subject parcel (Approximate Lat/Long: 21° 24' 10.4"

Clayton Group Services, Inc.

*A Bureau Veritas Company*

970 North Kalaheo Avenue Suite C-316

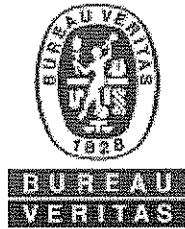
Kailua, HI 96734

Main: (808) 531.6708

Fax: (808) 537.4084

[www.us.bureauveritas.com](http://www.us.bureauveritas.com)





Mr. Charles K. Maxwell, Po'o  
Hui Malama I Na Kupuna O Hawai'i Nei  
Makawao, Maui, Hawaii

Page 2  
Clayton Project No. #17006-006428.00  
January 29, 2007

North, 157° 57' 8.21" West), currently this area consists of a patchy lawn with areas of exposed soil (red clay).

The area surrounding the subject property consists of residential properties and school buildings. The uses and features of adjoining properties are described as follows. To the north are Pearl City District Park grounds, beyond which is Hoomaemae Street and residential properties. To the south are Pearl City District Park grounds, beyond which are residential properties and Noelani Street. To the east are Pearl City District Park grounds, beyond which is Park Highlands Intermediate School. To the west is Pearl City District Park grounds, beyond which is Pearl City Highlands School.

According to the Verizon Wireless, the proposed action involves replacing an existing light standard with a stealth light standard monopole and installing canister antennas on top. The maximum finished height of the light standard and antenna tips will be approximately 71 feet above ground level (AGL). Additionally, a 12-by-28 foot prefabricated equipment shelter will be installed on park grounds, approximately 150 feet southwest of the light standard, to house the associated telecommunications equipment. The building will be surrounded by a six-foot high chain-link fence enclosure.

Construction activities will have a minor impact to the ground surface.

### **Recent History**

The historical research has established the use of the subject parcel/property since 1928, when it was depicted as undeveloped land. Subsequent topographic maps from 1954 to 1968 depicted the subject parcel/property as undeveloped except for one small structure depicted in the northwestern central region of the subject parcel/property on the 1968 map. Historical aerial photographs from 1939-41 and 1951 showed the area of the subject parcel as cultivated agricultural land with one unimproved roadway. Subsequent aerial photographs from 1962 and 1968 showed the area of the subject parcel as a park, equipped with tennis and/or basketball courts. The 1968 aerial photograph indicated that a building and swimming pools had been added to the existing park features. According to the City and County of Honolulu tax records, the existing park buildings were constructed in 2001.

Past ownership of the subject parcel/property has been established since 1946. Historical tax assessment records indicated that the subject parcel was formerly part of larger parcels, which have been subdivided over the years. These former parcels were owned by the Hawaiian Land & Improvement Company, Ltd. between 1946 and 1959. The parcels were leased to Oahu Sugar Company, Ltd. from 1952 until approximately 1959. The land was purchased by the City and County of Honolulu in 1959. The current subject parcel was created in 1981.

Clayton Group Services, Inc.

*A Bureau Veritas Company*

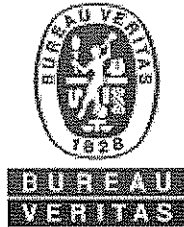
970 North Kalaheo Avenue Suite C-316

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Mr. Charles K. Maxwell, Po'o  
Hui Malama I Na Kupuna O Hawai'i Nei  
Makawao, Maui, Hawaii

Page 3  
Clayton Project No. #17006-006428.00  
January 29, 2007

### **Information Request**

As noted, we are requesting information on any Native Hawaiian cultural, religious, and/or burial sites; historic places, artifacts, and/or other related concerns at the proposed project site; and whether or not any of these issues will be impacted by the proposed wireless telecommunications project.

Per FCC NEPA/NHPA 106 review process guidelines, please provide *written* documentation of your findings within 30 days, either to the address shown below, via fax at 808.537.4084, or by email at [christine.yott@us.bureauveritas.com](mailto:christine.yott@us.bureauveritas.com).

If you have any questions or concern, please feel free to contact me at 808.531.6708. We greatly appreciate your time and assistance in this matter. Mahalo nui loa!

Regards,

Christine Yott  
Staff Consultant  
Clayton Group Services, Inc.

/jl

Attachment: Verizon Wireless HON Lunalilo Cell Site Figures, Construction Drawings and Photos

cc: Ms. Heidi Guth, OHA  
Mr. Jesse Yorck, OHA

Clayton Group Services, Inc.

*A Bureau Veritas Company*

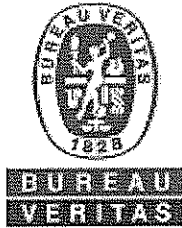
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Kailua, HI 96734

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[www.us.bureauveritas.com](http://www.us.bureauveritas.com)



## **ATTACHMENT**

### **Figures, Construction Drawings, and Photographs For the Proposed Verizon Wireless HON Lunalilo Cell Site**

Clayton Group Services, Inc.

*A Bureau Veritas Company*

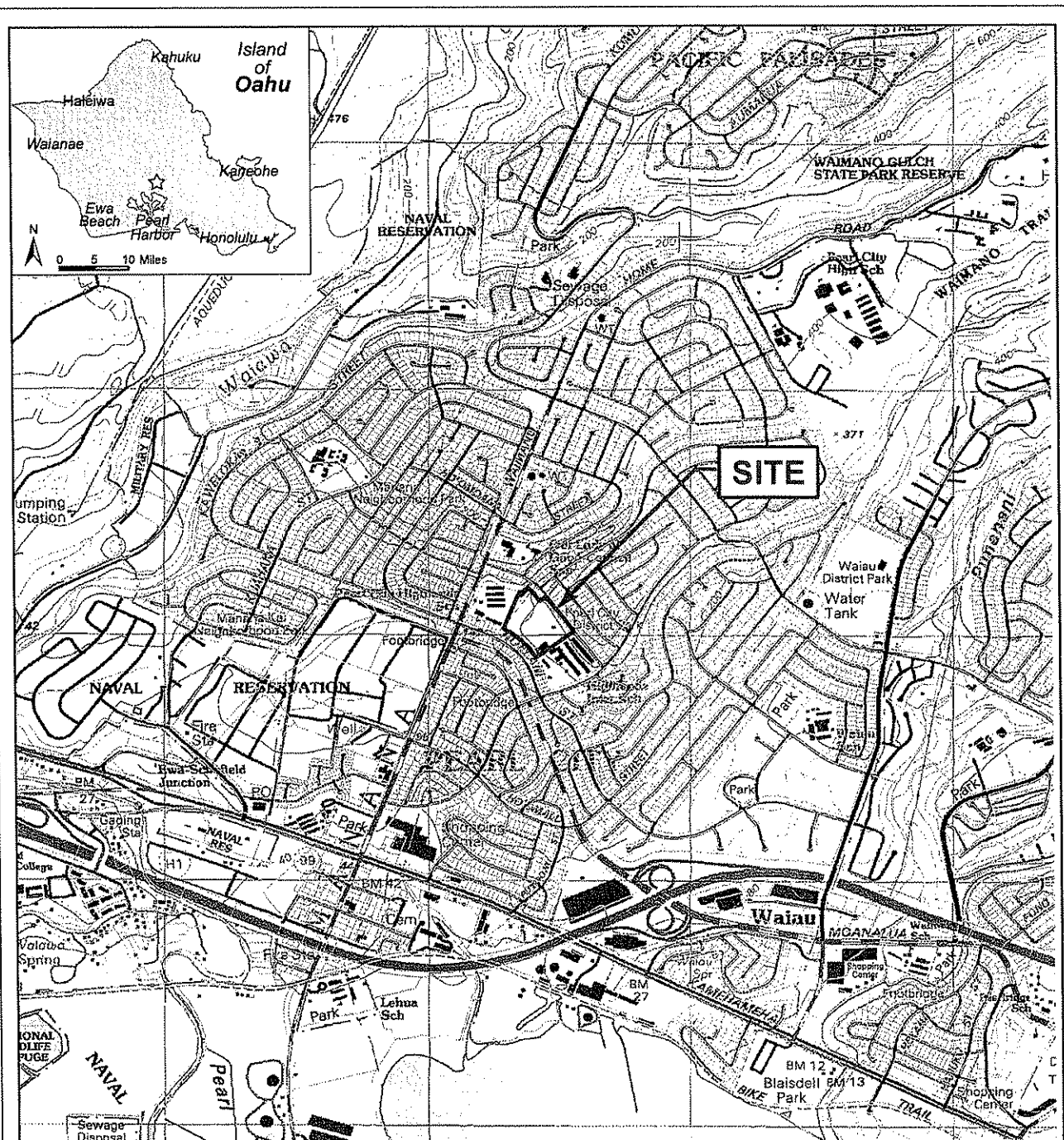
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Kailua, HI 96734

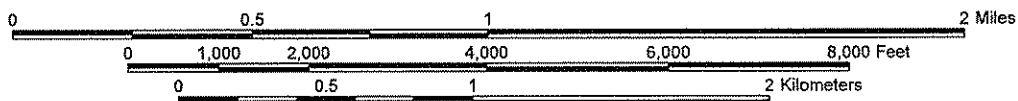
Main: (808) 531.6708

Fax: (808) 537.4084



[www.us.bureauveritas.com](http://www.us.bureauveritas.com)



1:24,000



Portion of 7.5-minute Series (Topographic) Maps  
USGS, Waipahu Quadrangle 1998, Hawaii County, Hawaii

|  |                                 |  |                               |
|--|---------------------------------|--|-------------------------------|
| <br> | Project No.:<br>17006-006428.00 | Title:<br><b>Site Location Map</b>   | <b>FIGURE</b><br><br><b>1</b> |
|  | Date:<br>09/15/2006             | Location:<br>VZW HON Lunailo Cell Site (#2005090690)<br>785 Hoomaemae Street<br>Pearl City, Oahu, Hawaii<br>TMK: (1) 9-7-036: Parcel 123 |                               |
|  | Revised By:<br>RC               | Client:<br>Verizon Wireless (VZW) / Cades Schutte, LLP   |                               |
|  | Checked By:<br>KG               |  |                               |



Source: Earth Data Aerial Imagery 2004



0 60 120 240 Feet



**BUREAU  
VERITAS**

Project No.:  
17006-006428.00

Date:  
09/18/2006

Revised By:  
RC

Checked By:  
KG

Title:

## Site Vicinity Map

Location: VZW HON Lunalilo Cell Site (#2005090690)  
785 Hoomaemae Street  
Pearl City, Oahu, Hawaii  
TMK: (1) 9-7-036: Parcel 123

Client: Verizon Wireless (VZW) / Cades Schutte, LLP

FIGURE

2

REVISIONS

VERIZON WIRELESS - LUNALILO PEARL CITY PARK  
NEW EQUIPMENT BUILDING

785 HOOMAEMAE STREET  
PEARL CITY, OAHU, HAWAII  
TMK: 9-7-024:012

MONOPOLE ELEVATION  
EXHIBIT B/AVD/15

STUDIO  
200

480 INVERI ROAD, SUITE 532  
HONOLULU, HAWAII 96817

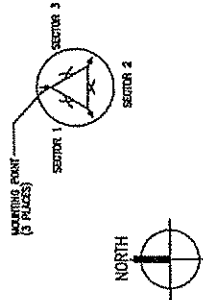
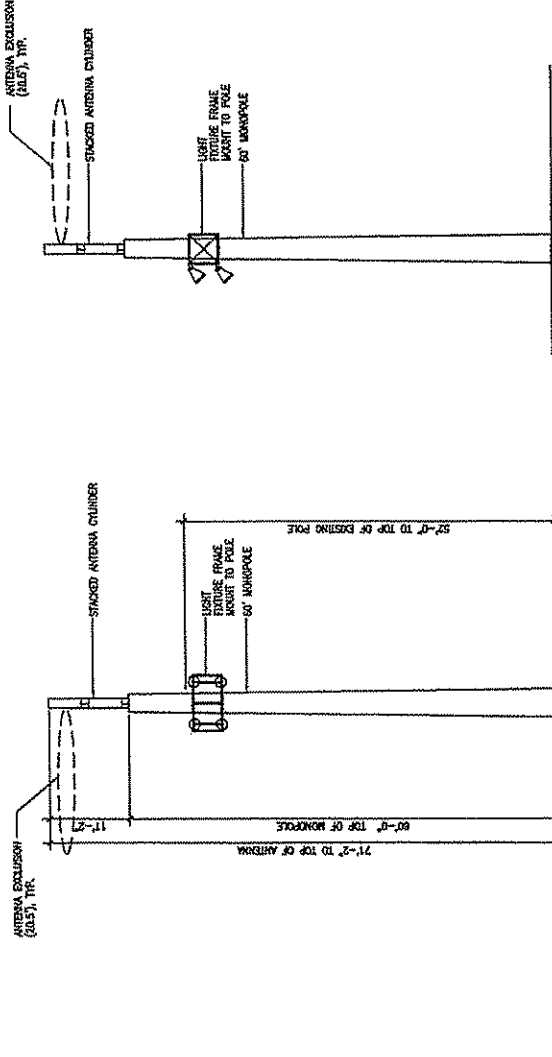


THIS SEAL WAS PROVIDED BY THE  
STATE OF HAWAII AND THE  
ENGINEER HAS NO RESPONSIBILITY  
FOR THE CONTENTS OF THE SEAL

DATE: MARCH 22, 2006  
SCALE: 1/8" = 1'-0"

7-2

OF 4 PAGES



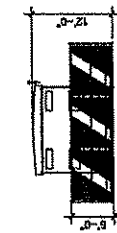
1 TYPICAL SECTOR CONFIGURATION TOP VIEW  
SCALE: 1/8" = 1'-0"

3 MONOPOLE ELEVATION  
SCALE: 1/8" = 1'-0"

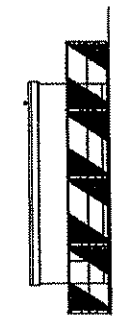
2 MONOPOLE ELEVATION  
SCALE: 1/8" = 1'-0"



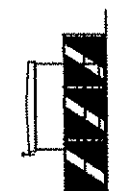
4 EAST ELEVATION  
SCALE: 1/8" = 1'-0"



5 SOUTH ELEVATION  
SCALE: 1/8" = 1'-0"




6 WEST ELEVATION  
SCALE: 1/8" = 1'-0"



7 NORTH ELEVATION  
SCALE: 1/8" = 1'-0"






|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00   | Description | View of baseball diamond looking northeast from proposed telecom building location                               | Photo 1    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |
|  |             |  |            |
| Project<br>Number<br><br>17006-006428.00   | Description | View of proposed telecom building location looking northwest   | Photo 2    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



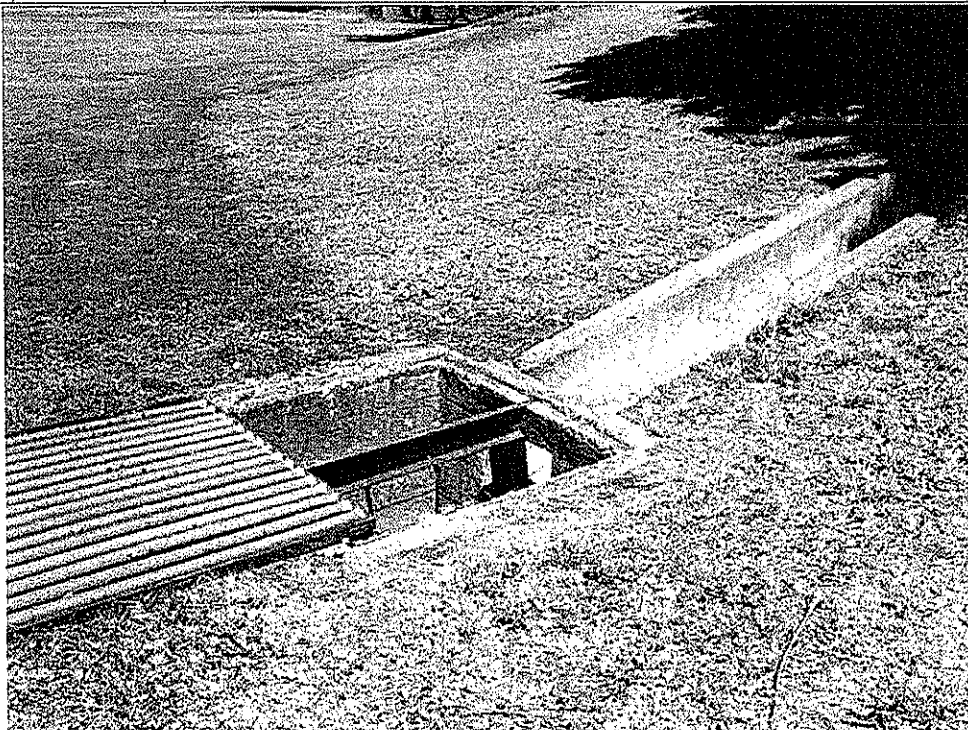


|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00   | Description | View from proposed telecom building location looking west (Pearl City Highlands School)                          | Photo 3    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |
|  |             |  |            |
| Project<br>Number<br><br>17006-006428.00   | Description | View from proposed telecom building location looking south (residential properties)                              | Photo 4    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |

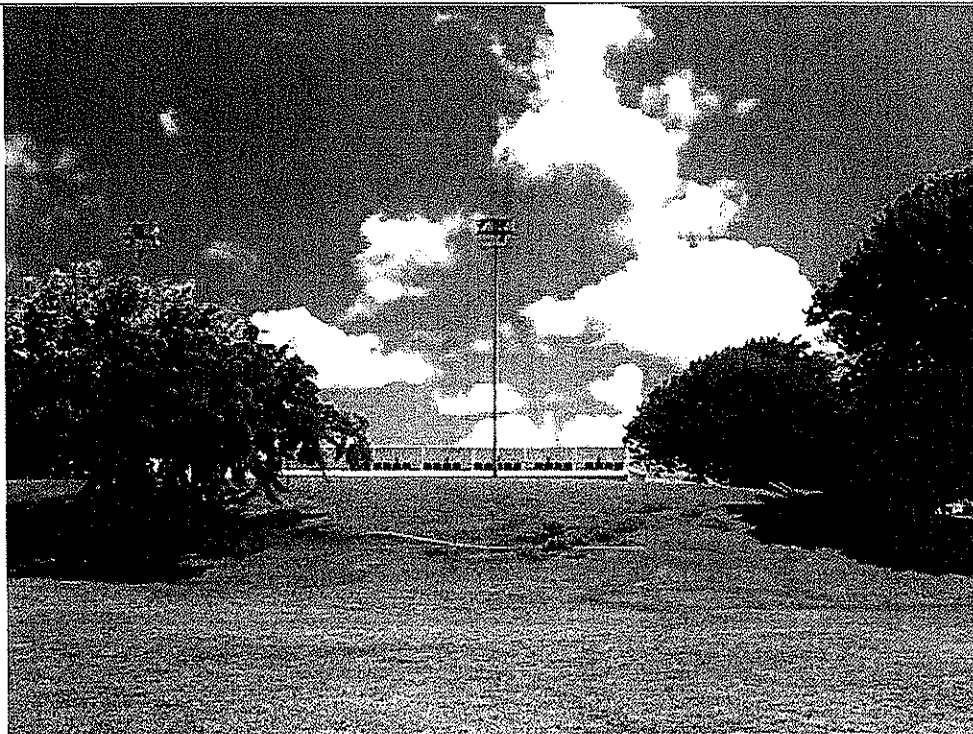




|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View from proposed telecom building location, looking east towards gymnasium                                     | Photo 5    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of drain northeast of proposed telecom building location  | Photo 6    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |                    |  |                   |
|--|--------------------|--|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of proposed light standard looking east   | <b>Photo 7</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless   | 3/14/2007         |



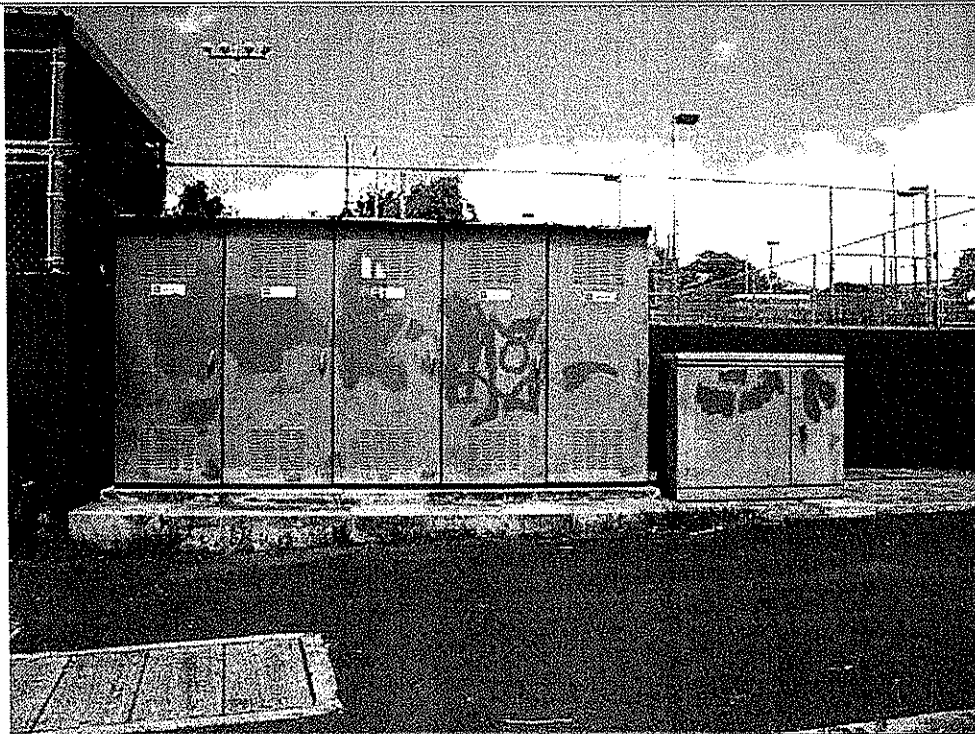
|  |                    |  |                   |
|--|--------------------|--|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of tennis and basketball courts,beyond which is Park Highlands Intermediate School , looking northeast from proposed light standard | <b>Photo 8</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii                         | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless   | 3/14/2007         |



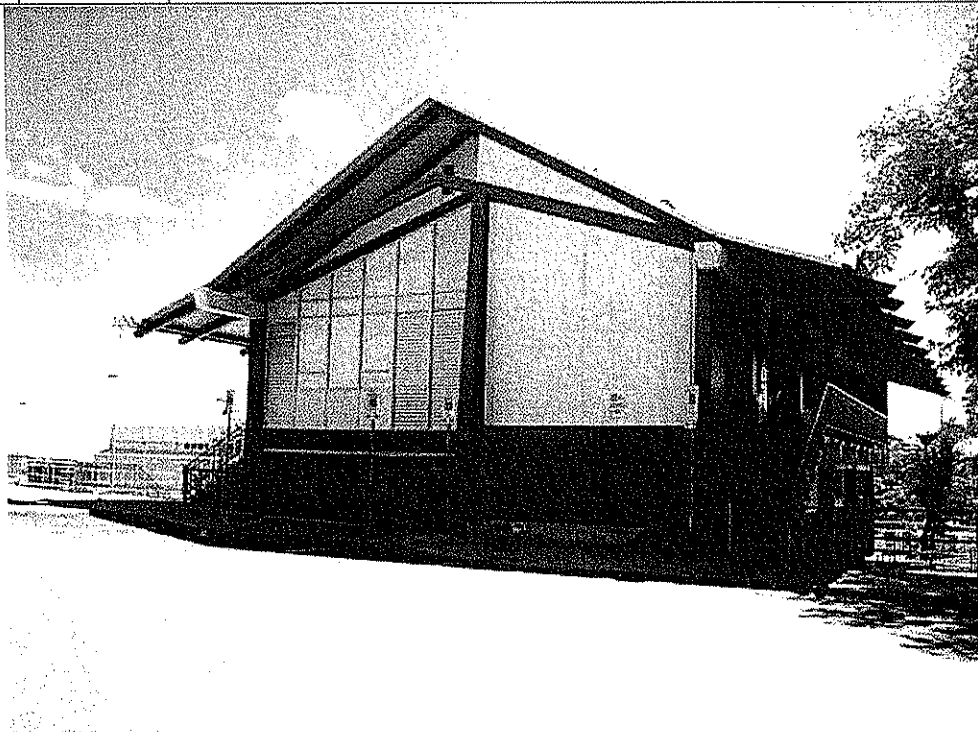
|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of gymnasium looking east from proposed light standard  | Photo 9    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
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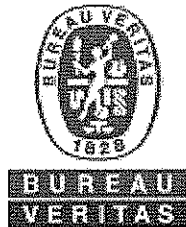
|  |             |  |            |
|--|-------------|--|------------|
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|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
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|  |                    |  |                   |
|--|--------------------|--|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of transformers in northwest-central region of subject parcel, adjacent to south side of pool               | <b>Photo 11</b>   |
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|  | <b>Client</b>      | Verizon Wireless   | 3/14/2007         |



|  |                    |  |                   |
|--|--------------------|--|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of recreation building on subject parcel looking southeast  | <b>Photo 12</b>   |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless   | 3/14/2007         |



## **Second Notice**

April 2, 2007

Mr. Charles K. Maxwell, Sr., Po'o  
Hui Malama I Na Kupuna O Hawai'i Nei  
157 Alea Place  
Makawao, Maui, Hawaii 96768

Project No. #17006-006428.00

Subject: Historic Sites and Impact Determination Request for Proposed Verizon Wireless  
HON Lunalilo Cell Site, Located at 785 Hoomaemae Street, (TMK No.: [1] 9-7-  
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Clayton Group Services, Inc.

*A Bureau Veritas Company*

970 North Kalaheo Avenue Suite C-316

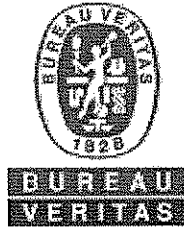
Kailua, HI 96734

Main: (808) 531.6708

Fax: (808) 537.4084

[www.us.bureauveritas.com](http://www.us.bureauveritas.com)





Mr. Charles K. Maxwell, Po'o  
Hui Malama I Na Kupuna O Hawai'i Nei  
Makawao, Maui, Hawaii

Page 2  
Clayton Project No. #17006-006428.00  
April 2, 2007

area is located in the southwest corner of the subject parcel (Approximate Lat/Long: 21° 24' 10.4" North, 157° 57' 8.21" West), currently this area consists of a patchy lawn with areas of exposed soil (red clay).

The area surrounding the subject property consists of residential properties and school buildings. The uses and features of adjoining properties are described as follows. To the north are Pearl City District Park grounds, beyond which is Hoomaemae Street and residential properties. To the south are Pearl City District Park grounds, beyond which are residential properties and Noelani Street. To the east are Pearl City District Park grounds, beyond which is Park Highlands Intermediate School. To the west is Pearl City District Park grounds, beyond which is Pearl City Highlands School.

According to the Verizon Wireless, the proposed action involves replacing an existing light standard with a stealth light standard monopole and installing canister antennas on top. The maximum finished height of the light standard and antenna tips will be approximately 71 feet above ground level (AGL). Additionally, a 12-by-28 foot prefabricated equipment shelter will be installed on park grounds, approximately 150 feet southwest of the light standard, to house the associated telecommunications equipment. The building will be surrounded by a six-foot high chain-link fence enclosure.

Construction activities will have a minor impact to the ground surface.

### **Recent History**

The historical research has established the use of the subject parcel/property since 1928, when it was depicted as undeveloped land. Subsequent topographic maps from 1954 to 1968 depicted the subject parcel/property as undeveloped except for one small structure depicted in the northwestern central region of the subject parcel/property on the 1968 map. Historical aerial photographs from 1939-41 and 1951 showed the area of the subject parcel as cultivated agricultural land with one unimproved roadway. Subsequent aerial photographs from 1962 and 1968 showed the area of the subject parcel as a park, equipped with tennis and/or basketball courts. The 1968 aerial photograph indicated that a building and swimming pools had been added to the existing park features. According to the City and County of Honolulu tax records, the existing park buildings were constructed in 2001.

Past ownership of the subject parcel/property has been established since 1946. Historical tax assessment records indicated that the subject parcel was formerly part of larger parcels, which have been subdivided over the years. These former parcels were owned by the Hawaiian Land & Improvement Company, Ltd. between 1946 and 1959. The parcels were leased to Oahu Sugar

Clayton Group Services, Inc.

*A Bureau Veritas Company*

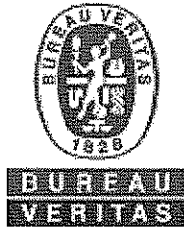
970 North Kalaheo Avenue Suite C-316

Kailua, HI 96734

Main: (808) 531.6708

Fax: (808) 537.4084

[www.us.bureauveritas.com](http://www.us.bureauveritas.com)



Mr. Charles K. Maxwell, Po'o  
Hui Malama I Na Kupuna O Hawai'i Nei  
Makawao, Maui, Hawaii

Page 3  
Clayton Project No. #17006-006428.00  
April 2, 2007

Company, Ltd. from 1952 until approximately 1959. The land was purchased by the City and County of Honolulu in 1959. The current subject parcel was created in 1981.

**Information Request**

As noted, we are requesting information on any Native Hawaiian cultural, religious, and/or burial sites; historic places, artifacts, and/or other related concerns at the proposed project site; and whether or not any of these issues will be impacted by the proposed wireless telecommunications project.

Per FCC NEPA/NHPA 106 review process guidelines, please provide *written* documentation of your findings within 30 days, either to the address shown below, via fax at 808.537.4084, or by email at [christine.yott@us.bureauveritas.com](mailto:christine.yott@us.bureauveritas.com).

If you have any questions or concern, please feel free to contact me at 808.531.6708. We greatly appreciate your time and assistance in this matter. Mahalo nui loa!

Regards,

Christine Yott  
Staff Consultant  
Clayton Group Services, Inc.

/jl

Attachment: Verizon Wireless HON Lunalilo Cell Site Figures, Construction Drawings and Photos

cc: Ms. Heidi Guth, OHA  
Mr. Jesse Yorck, OHA



## **ATTACHMENT**

### **Figures, Construction Drawings, and Photographs For the Proposed Verizon Wireless HON Lunalilo Cell Site**

Clayton Group Services, Inc.

*A Bureau Veritas Company*

970 North Kalaheo Avenue Suite C-316

Kailua, HI 96734

Main: (808) 531.6708

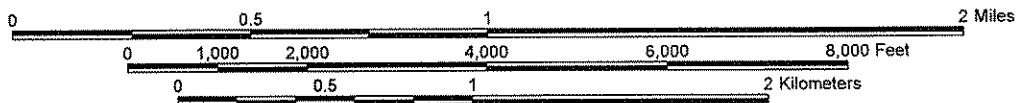
Fax: (808) 537.4084

[www.us.bureauveritas.com](http://www.us.bureauveritas.com)





1:24,000



Portion of 7.5-minute Series (Topographic) Maps  
USGS, Waipahu Quadrangle 1998, Hawaii County, Hawaii



BUREAU  
OF LAND  
MANAGEMENT  
VERITAS

Project No.:  
17006-006428.00

Date:  
09/15/2006

Revised By:  
RC

Checked By:  
KG

Title:

## Site Location Map

Location:

VZW HON Lunalilo Cell Site (#2005090690)  
785 Hoomaemae Street  
Pearl City, Oahu, Hawaii  
TMK: (1) 9-7-036: Parcel 123

Client:

Verizon Wireless (VZW) / Cades Schutte, LLP

FIGURE

1



Source: Earth Data Aerial Imagery 2004



0 60 120 240 Feet



**BUREAU OF LAND MANAGEMENT**  
**VERITAS**

Project No.:  
**17006-006428.00**

Date:  
**09/18/2006**

Revised By:  
**RC**

Checked By:  
**KG**

Title:

## Site Vicinity Map

Location: **VZW HON Lunalilo Cell Site (#2005090690)**  
**785 Hoomaemae Street**  
**Pearl City, Oahu, Hawaii**  
**TMK: (1) 9-7-036: Parcel 123**

Client:

**Verizon Wireless (VZW) / Cades Schutte, LLP**

FIGURE

**2**

REVISIONS

VERIZON WIRELESS - LUNALULO PEARL CITY PARK  
NEW EQUIPMENT BUILDING  
785 HOOMAEAE STREET  
PEARL CITY, OAHU, HAWAII  
TMK: 9-7-024:012

MONOPOLE ELEVATION  
ELEVATION ELEVATIONS

STUDIO 200

680 IWIKEI ROAD, SUITE 532  
HONOLULU, HAWAII 96817

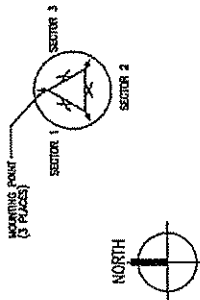
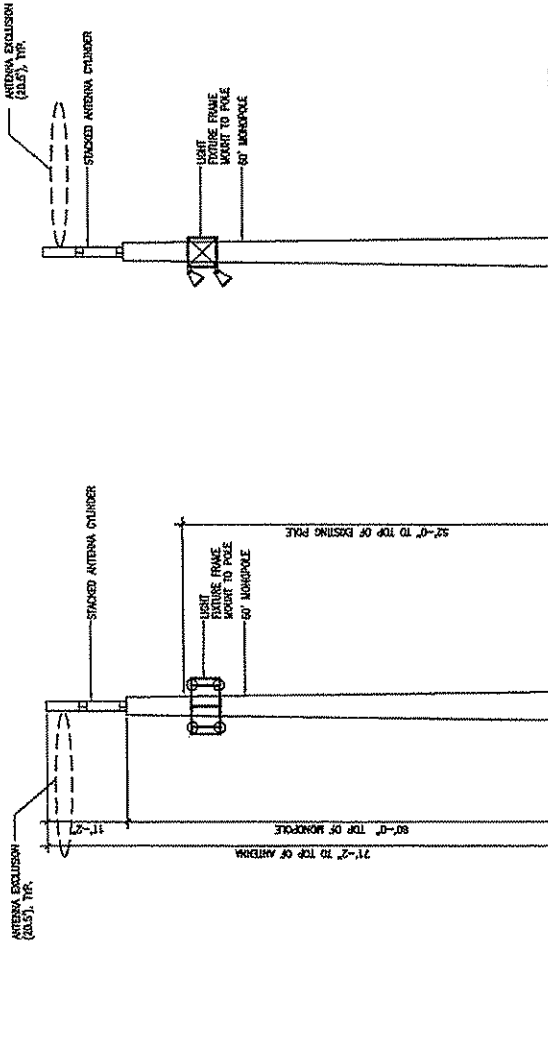


THIS SEAL WAS PROVIDED BY ME  
ON LACK OF VETERAN ACT  
AND I AM NOT A MEMBER OF THE  
HAWAIIAN ENGINEERING SOCIETY

DATE: MARCH 12, 2006  
PROJECT: MONOPOLE

7-2

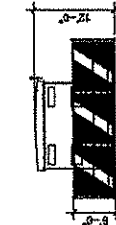
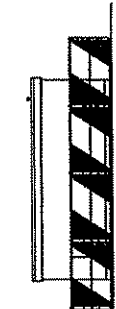
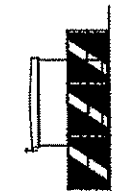
6/10



1 TYPICAL SECTOR CONFIGURATION TOP VIEW  
SCALE 1/2" = 1'-0"

2 MONOPOLE ELEVATION  
SCALE 1/16" = 1'-0"

3 MONOPOLE ELEVATION  
SCALE 1/16" = 1'-0"



4 EAST ELEVATION  
SCALE 1/16" = 1'-0"

5 WEST ELEVATION  
SCALE 1/16" = 1'-0"

6 SOUTH ELEVATION  
SCALE 1/16" = 1'-0"

7 NORTH ELEVATION  
SCALE 1/16" = 1'-0"





|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of baseball diamond looking northeast from proposed telecom building location                               | Photo 1    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of proposed telecom building location looking northwest   | Photo 2    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View from proposed telecom building location looking west (Pearl City Highlands School)                          | Photo 3    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |

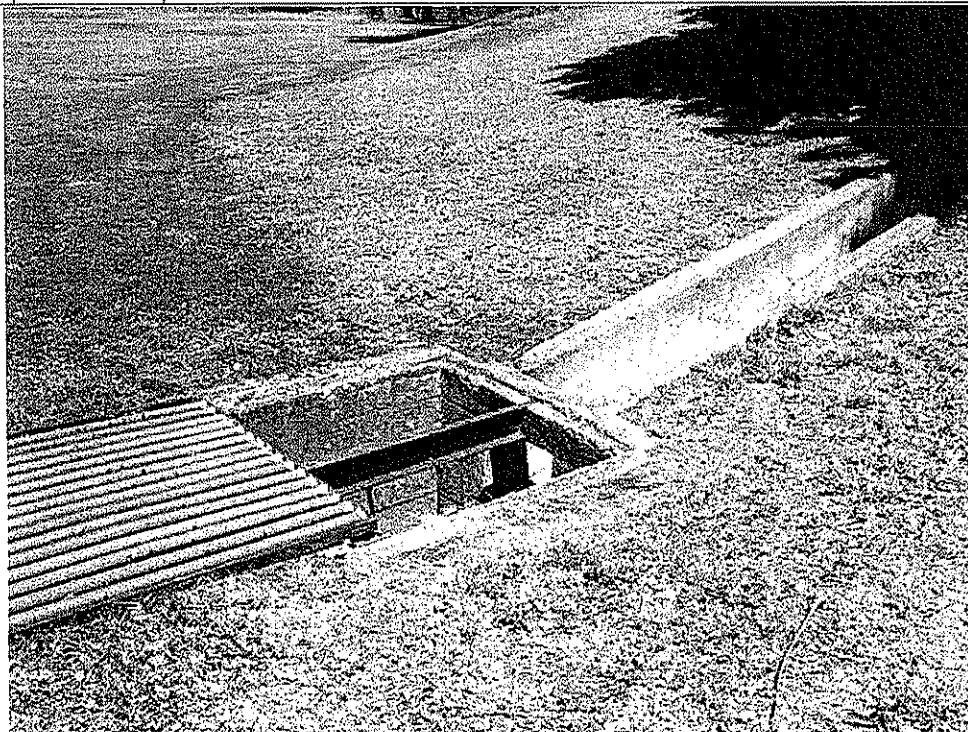


|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View from proposed telecom building location looking south (residential properties)                              | Photo 4    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |

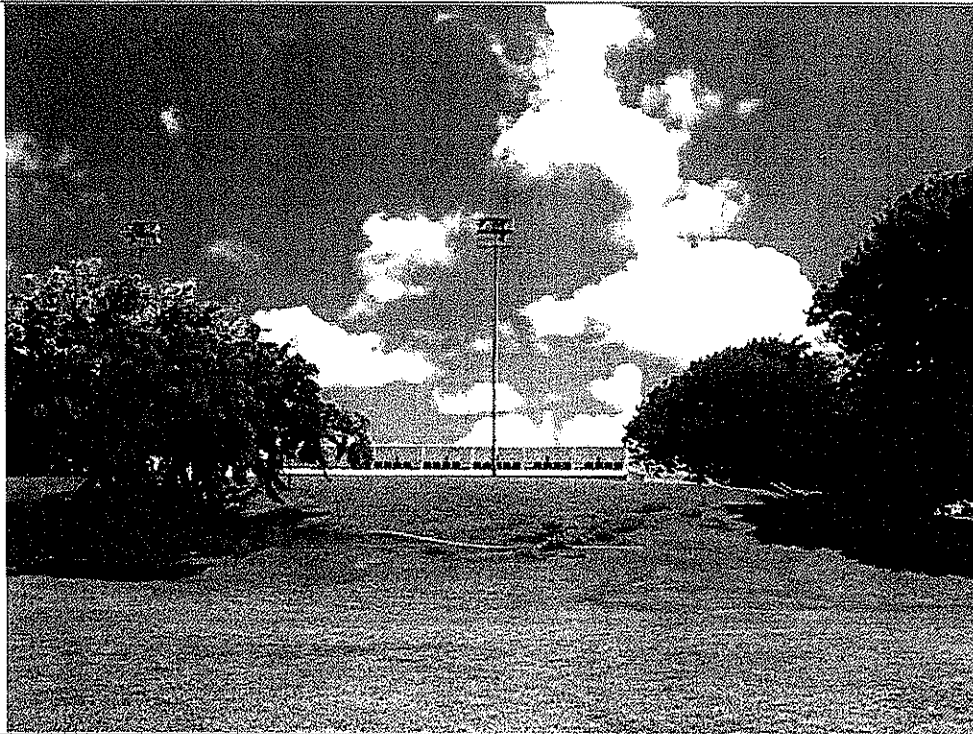




|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View from proposed telecom building location, looking east towards gymnasium                                     | Photo 5    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of drain northeast of proposed telecom building location  | Photo 6    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of proposed light standard looking east   | Photo 7    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of tennis and basketball courts,beyond which is Park Highlands Intermediate School , looking northeast from proposed light standard | Photo 8    |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii                         | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |

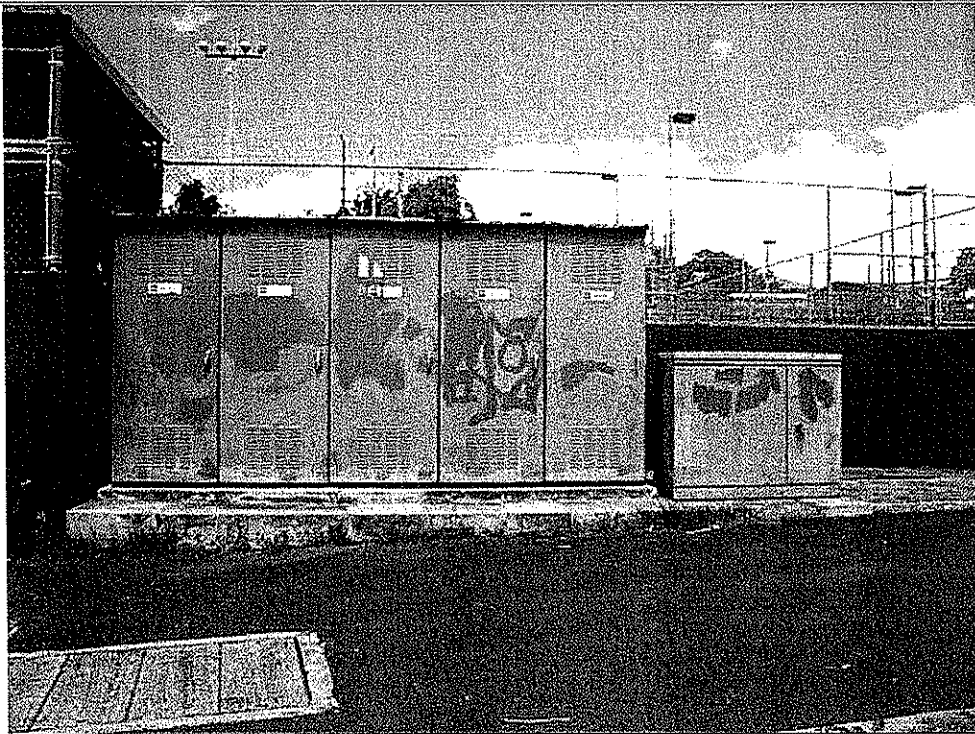


|  |                    |  |                   |
|--|--------------------|--|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of gymnasium looking east from proposed light standard  | <b>Photo 9</b>    |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless   | 3/14/2007         |

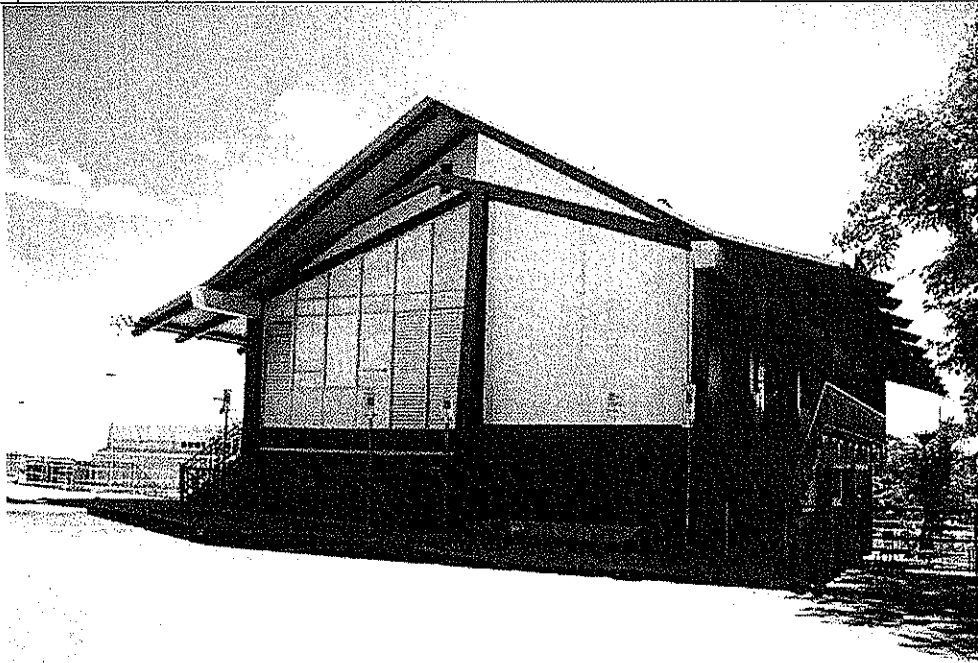


|  |                    |  |                   |
|--|--------------------|--|-------------------|
| <b>Project Number</b><br><br>17006-006428.00 | <b>Description</b> | View of proposed light standard looking west   | <b>Photo 10</b>   |
|  | <b>Site Name</b>   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | <b>Photo Date</b> |
|  | <b>Client</b>      | Verizon Wireless   | 3/14/2007         |





|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of transformers in northwest-central region of subject parcel, adjacent to south side of pool               | Photo 11   |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



|  |             |  |            |
|--|-------------|--|------------|
| Project<br>Number<br><br>17006-006428.00 | Description | View of recreation building on subject parcel looking southeast  | Photo 12   |
|  | Site Name   | Proposed Verizon Wireless HON Lunalilo/Pearl City Distric Park Cell Site (#2005090690), Pearl City, Oahu, Hawaii | Photo Date |
|  | Client      | Verizon Wireless   | 3/14/2007  |



## **SECTION 7**

**U.S. Army Corp of Engineers (USACE) Clearance**



RECEIVED

3-27-07

DEPARTMENT OF THE ARMY  
U. S. ARMY ENGINEER DISTRICT, HONOLULU  
FT. SHAFTER, HAWAII 96858-5440

REPLY TO  
ATTENTION OF

March 20, 2007

Regulatory Branch

File No. **POH-2007-1-3**

Christine Yott  
Clayton Group Services, Inc  
970 North Kalaheo Avenue, Suite C-316  
Kailua, HI 96734

Dear Ms. Yott:

This is in response to your letter dated January 29, 2007 for a request for a jurisdictional determination (JD) and Department of the Army (DA) permit determination for development of a proposed wireless telecommunications site at 785 Hoomaemae Street, Pearl City, Oahu Island, Hawaii (TMK: (1) 9-7-036: 123). We have reviewed the information you provided under the Corps' authority to issue Department of the Army (DA) permits pursuant to Section 10 of the Rivers and Harbors Act (RHA) of 1899 (33 USC 403) and Section 404 of the Clean Water Act (CWA) (33 USC 1344).

Based on the information you provided as agent for Verizon Wireless, we have determined the subject parcel does not contain waters of the U.S. subject to our jurisdiction, including wetlands. We have also determined that the work described is not anticipated to involve the activities that will result in the placement of dredged and/or fill material into waters of the U.S., including wetlands; therefore, **a DA permit is not required.**

Should you have any questions regarding this determination, please contact Ms. Joy Anamizu by phone at 808-438-7023, by facsimile at 808-438-4060, or by e-mail at [joy.n.anamizu@usace.army.mil](mailto:joy.n.anamizu@usace.army.mil) and refer to the file number above.

Sincerely,

George P. Young, P.E.  
Chief, Regulatory Branch



## **SECTION 8**

**New Tower ("NT") Submission Packet  
FCC FORM 620**

## **New Tower ("NT") Submission Packet**

### **FCC FORM 620**

#### **Introduction**

The **NT Submission Packet** is to be completed by or on behalf of Applicants to construct new antenna support structures by or for the use of licensees of the Federal Communications Commission ("FCC"). **The Packet (including Form 620 and attachments) is to be submitted to the State Historic Preservation Office ("SHPO") or to the Tribal Historic Preservation Office ("THPO"), as appropriate, before any construction or other installation activities on the site begin. Failure to provide the Submission Packet and complete the review process under Section 106 of the National Historic Preservation Act ("NHPA")<sup>1</sup> prior to beginning construction may violate Section 110(k) of the NHPA and the Commission's rules.**

The instructions below should be read in conjunction with, and not as a substitute for, the "Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission," dated September 2004, ("Nationwide Agreement") and the relevant rules of the FCC (47 C.F.R. §§ 1.1301-1.1319) and the Advisory Council on Historic Preservation ("ACHP") (36 C.F.R. Part 800).<sup>2</sup>

#### **Exclusions and Scope of Use**

**The NT Submission Packet should not be submitted for undertakings that are excluded from Section 106 Review.** The categories of new tower construction that are excluded from historic preservation review under Section 106 of the NHPA are described in Section III of the Nationwide Agreement.

Where an undertaking is to be completed but no submission will be made to a SHPO or THPO due to the applicability of one or more exclusions, the Applicant should retain in its files documentation of the basis for each exclusion should a question arise as to the Applicant's compliance with Section 106.

---

<sup>1</sup> 16 U.S.C. § 470f.

<sup>2</sup> Section II.A.9. of the Nationwide Agreement defines a "historic property" as: "Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian Organization that meet the National Register criteria."

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB  
3060-1039  
Estimated Time Per Response:  
.5 to 10 hours

**The NT Submission Packet is to be used only for the construction of new antenna support structures.** Antenna collocations that are subject to Section 106 review should be submitted using the Collocation ("CO") Submission Packet (FCC Form 621).

**General Instructions: NT Submission Packet**

Fill out the answers to Questions 1-5 on Form 620 and provide the requested attachments. Attachments should be numbered and provided in the order described below.

For ease of processing, provide the Applicant's Name, Applicant's Project Name, and Applicant's Project Number in the lower right hand corner of each page of Form 620 and attachments.<sup>3</sup>

**1. Applicant Information**

Full Legal Name of Applicant: Verizon Wireless (VZW)

Name and Title of Contact Person:

Ms. Patricia McHenry/ Cades Shutte, LLP

Address of Contact Person (including Zip Code):

CADES SHUTTE, LLP

1000 Bishop Street, Suite 1200

Honolulu, Hawaii 96813

Phone: 808.521.9200 Fax: N/A

E-mail address: pmchenry@cades.com

**2. Applicant's Consultant Information**

Full Legal Name of Applicant's Section 106 Consulting Firm:

Bureau Veritas North America, Inc. (Bureau Veritas)

Name of Principal Investigator: Christine Yott

<sup>3</sup> Some attachments may contain photos or maps on which this information can not be provided.

Applicant's Name: Verizon Wireless (VZW)  
Project Name: VZW HON Lunalilo/Pearl City District Park Cell Site  
Project Number: VZW ID #2005090690/ Bureau Veritas ID #17006-006428.00

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB  
3060-1039  
Estimated Time Per Response:  
.5 to 10 hours

Title of Principal Investigator: Staff Consultant

Investigator's Address: 970 N. Kalaheo Avenue, Suite C-316

City: Kailua State Hawaii Zip Code 96734

Phone: 808.531.6708 Fax: 808.537.4084

E-mail Address: Christine.Yott@us.bureauveritas.com

Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?<sup>4</sup> **NO**

Areas in which the Principal Investigator meets the Secretary of the Interior's Professional Qualification Standards: **N/A**

Other "Secretary of the Interior qualified" staff who worked on the Submission Packet (provide name(s) as well as the area(s) in which they are qualified):

Bureau Veritas subcontracted the services of Mr. Thomas S. Dye, Ph.D. and Ms. Elaine Jourdane, "Department of the Interior Qualified Archaeologists" with T.S. Dye & Colleagues, Archaeologists, Inc. to determine the Areas of Potential Effect (APE) for direct and visual effects, as well as identify and assess effects to properties identified within the APE. A copy of Mr. Dye's resume and qualifications, and a copy of the Archaeological Report documenting the findings of the survey, is attached.

**3. Site Information**

a. Street Address of Site: 785 Hoomaemae Street

City or Township: Pearl City, Oahu

County / Parish: City and County of Honolulu State: HI Zip Code: 96782

b. Nearest Cross Roads: Hoomaemae Street / Hoolehua Street

<sup>4</sup> The Professional Qualification Standards are available on the cultural resources webpage of the National Park Service, Department of the Interior: <[http://www.cr.nps.gov/local-law/arch\\_stnds\\_9.htm](http://www.cr.nps.gov/local-law/arch_stnds_9.htm)>. The Nationwide Agreement requires use of Secretary-qualified professionals for identification and evaluation of historic properties within the APE for direct effects, and for assessment of effects. The Nationwide Agreement encourages, but does not require, use of Secretary-qualified professionals to identify historic properties within the APE for indirect effects. See Nationwide Agreement, §§ VI.D.1.d, VI.D.1.e, VI.D.2.b, VI.E.5.

Applicant's Name: Verizon Wireless (VZW)  
Project Name: VZW HON Lunalilo/Pearl City District Park Cell Site  
Project Number: VZW ID #2005090690/ Bureau Veritas ID #17006-006428.00



NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB  
3060-1039  
Estimated Time Per Response:  
.5 to 10 hours

c. NAD 83 Latitude/Longitude coordinates (to tenth of a second):

N 21° 24' 10.4"; W 157° 57' 8.21"

d. Proposed tower height above ground level:<sup>5</sup> 71 feet; 21.64 meters

e. Tower type:

☐ guyed lattice tower ☐ self-supporting lattice ☐ monopole

☒ other (briefly describe tower) Stealth light standard monopole

4. **Project Status:**<sup>6</sup>

a. ☒ **Construction not yet commenced;**

b. ☐ Construction commenced on [date] \_\_\_\_\_; or,

c. ☐ Construction commenced on [date] \_\_\_\_\_ and was completed on [date] \_\_\_\_\_.

5. **Applicant's Determination of Effect:**

a. **Direct Effects** (check one):

i. ☒ **No Historic Properties in Area of Potential Effects ("APE") for direct effects;**

ii. ☐ "No effect" on Historic Properties in APE for direct effects;

iii. ☐ "No adverse effect" on Historic Properties in APE for direct effects;

iv. ☐ "Adverse effect" on one or more Historic Properties in APE for direct effects.

b. **Visual Effects** (check one):

i. ☒ **No Historic Properties in Area of Potential Effects ("APE") for visual effects;**

ii. ☐ "No effect" on Historic Properties in APE for visual effects;

iii. ☐ "No adverse effect" on Historic Properties in APE for visual effects;

<sup>5</sup> Include top-mounted attachments such as lightning rods.

<sup>6</sup> Failure to provide the Submission Packet and complete the review process under Section 106 of the NHPA prior to beginning construction may violate Section 110(k) of the NHPA and the Commission's rules. See Section X of the Nationwide Agreement.

Applicant's Name: Verizon Wireless (VZW)  
Project Name: VZW HON Lunalilo/Pearl City District Park Cell Site  
Project Number: VZW ID #2005090690/ Bureau Veritas ID #17006-006428.00

NT SUBMISSION PACKET – FCC FORM 620

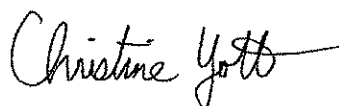
Approved by OMB  
3060-1039  
Estimated Time Per Response:  
.5 to 10 hours

- iv. [ ] “Adverse effect” on one or more Historic Properties in APE for visual effects.

**Certification and Signature**

I certify that all representations on this FCC Form 620 and the accompanying attachments are true, correct, and complete.

**Bureau Veritas North America, Inc. (Bureau Veritas)**



Signature

06/18/07

Date

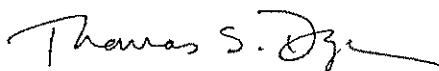
Christine Yott

Printed Name

Staff Consultant

Title

**T.S. Dye & Colleagues, Archaeologists, Inc.**



Signature

06/18/07

Date

Thomas S. Dye, Ph.D.

Printed Name

Senior Archaeologist / President

Title

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1) AND/ OR FORFEITURE (U.S. Code, Title 47, Section 503).

Applicant's Name: Verizon Wireless (VZW)  
Project Name: VZW HON Lunalilo/Pearl City District Park Cell Site  
Project Number: VZW ID #2005090690/ Bureau Veritas ID #17006-006428.00