

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

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

ESTHER P. KIA'AINA
FIRST DEPUTY DIRECTOR

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

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

Dear Ms. Salmonson:

The Department of Land and Natural Resources is submitting to your office the final environmental assessment and finding of no significant impact (FEA-FONSI) for the **Central Maui Regional Park** situated at Tax Map Key (2) 3-8-007-101, in the Wailuku District on the island of Maui for publication in the next edition of *Environmental Notice*.

Included are copies of comments and responses received during the 30-day public comment period on the draft environmental assessment for which we anticipated a finding of no significant impact (DEA-AFONSI).

Also enclosed are a completed OEQC Publication Form, two copies of the FEA-FONSI, an Adobe Acrobat PDF file of the same, and an electronic copy of the publication form in MS Word. Simultaneously with the submittal of this letter, we have provided a summary of the action in a text file by electronic mail to your office.

If there are any questions, please contact Mr. Carty Chang of our Engineering Division at 587-0230.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Aila, Jr.", written in a cursive style.

WILLIAM J. AILA, JR.
Chairperson

Enclosures

Final Environmental Assessment
per Hawai'i Revised Statutes (HRS), Chapter 343

Central Maui Regional Park Island of Maui, Hawai'i

June 2013

State of Hawai'i
Department of Land and Natural Resources
Engineering Division
1151 Punchbowl Street, Room 221
Honolulu, Hawai'i 96813

Final Environmental Assessment
Per HRS, Chapter 343

**Central Maui Regional Park
Island of Maui, Hawai'i**

June 2013

Accepting Authority
State of Hawai'i
Department of Land and Natural Resources
Engineering Division
1151 Punchbowl Street, Room 221
Honolulu, Hawai'i 96813

Prepared by:
R.M. Towill Corporation
2024 North King Street, Suite 200
Honolulu, Hawai'i 96819
22133-0P

Table of Contents

1.0	Project Summary.....	1
2.0	Introduction	2
2.1	Project Location	2
2.2	Purpose of the Environmental Assessment.....	2
2.3	Purpose and Need for Proposed Project	4
3.0	Project Description	6
3.1	Introduction	6
3.2	Existing Land Uses.....	6
3.3	Proposed Action.....	6
3.3.1	Alternative Actions.....	6
3.3.1.1	“No-Action” and Delayed Action Alternative	6
3.3.1.2	Alternative Action	7
3.3.2	Preferred Alternative	7
3.4	Schedule.....	9
3.5	Cost	9
4.0	Environmental Setting, Potential Impacts and Mitigation Measures	11
4.1	Climate and Rainfall	11
4.2	Geology, Topography and Rainfall.....	11
4.3	Water Quality.....	15
4.4	Groundwater and Inland Surface Waters.....	15
4.5	Natural Hazards	16
A.	Floods.....	16
B.	Tsunami.....	16
C.	Seismic Hazard	16
D.	Hurricanes and High Winds	16
4.6	Unexploded Ordnance (UXO) Hazard	18
4.7	Air Quality	18
4.8	Noise	18
4.9	Flora and Fauna Resources	19
4.10	Scenic and Aesthetic Environment	20
5.0	Public Services, Potential Impacts and Mitigation Measures.....	21
5.1	Traffic and Circulation.....	21
5.2	Wastewater.....	21
5.3	Potable Water	22
5.4	Power and Communications.....	23

5.5	Police Protection	23
5.6	Fire Protection	23
5.7	Health Care and Emergency Services	24
5.8	Parks and Recreation	24
6.0	Socioeconomic and Related Environment, Potential Impacts and Mitigation Measures .	25
6.1	Socioeconomic Characteristics	25
6.2	Land Use and Ownership	25
6.3	Historic and Archaeological Resources.....	25
6.4	Cultural Impact Assessment	28
7.0	Relationship to Land Use Plans Policies and Controls of the Potentially Affected Area ...	29
7.1	Overview	29
7.2	Hawai'i State Plan	29
7.3	State Land Use District.....	30
7.4	Coastal Zone Management Program	30
7.5	Special Management Area (SMA) Rules and Regulations	34
7.6	County of Maui General Plan.....	35
7.7	County of Maui Zoning.....	35
7.8	FAA Advisory Circular 150/5200-33B.....	35
8.0	Permits and Approvals That May Be Required	36
8.1	County of Maui Department of Public Works	36
8.2	State of Hawai'i.....	36
8.3	Federal	36
9.0	Agencies, Organizations and Individuals Consulted for the Environmental Assessment .	37
9.1	County of Maui	37
9.2	State of Hawai'i.....	37
9.3	Federal Government.....	38
9.4	Organizations and Individuals.....	38
10.0	Summary of Impacts and Significance Determination	39
10.1	Short-Term Impacts	39
10.2	Long-Term Impacts	39
10.3	Significance Criteria Evaluation	39
10.4	Preliminary Determination	41
11.0	References	42
	Appendix.....	43

Appendix

Comments Received on the Draft EA and Responses to the Comments

List of Figures

Figure 1 Project Location	3
Figure 2 State Land Use District	4
Figure 3 Proposed Action.....	8
Figure 4 Site Map	10
Figure 5 Soil Survey	12
Figure 6 Land Study Bureau Detailed Land Classification	13
Figure 7 Agricultural Lands of Importance to the State of Hawai'i.....	14
Figure 8 Floodplain.....	17
Figure 9 Historical and Archaeological Resources	27

Acronyms and Abbreviations

ACOE	Army Corps of Engineers
BMPs	Best Management Practices
CDUP	Conservation District Use Permit
CIA	Cultural Impact Assessment
CWA	Clean Water Act of 1972, as amended
CWB	Clean Water Branch, State Department of Health
CWRM	State Commission on Water Resource Management
CZM	Coastal Zone Management
DA	Department of the Army
dBA	Decibels
DLNR	Department of Land and Natural Resources
DOCARE	Division of Conservation and Resource Enforcement, DLNR
DOFAW	Division of Forestry and Wildlife, DLNR
DWS	Department of Water Supply
EA	Environmental Assessment
ESA	Environmental Site Assessment

Acronyms and Abbreviations

FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FONSI	Finding of No Significant Impact
HAR	Hawai'i Administrative Rules
HRS	Hawai'i Revised Statutes
MECO	Maui Electric Company
MFD	Maui County Fire Department
NEPA	National Environmental Policy Act
NOAA	National Oceanographic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
OHA	Office of Hawaiian Affairs
OHWM	Ordinary High Water Mark
SDOH	State Department of Health
SDOH-CWB	State Department of Health, Clean Water Branch
SDOT	State Department of Transportation
SHPD	State Historic Preservation Division, DLNR
SMA	Special Management Area
USCG	U.S. Coast Guard
USFWS	U.S. Fish & Wildlife Service
USGS	U.S. Geologic Survey
WWRF	Wastewater Reclamation Facility

Note: Spelling of Hawaiian place names follows Pukui et al. *Place Names of Hawai'i* [1974].

1.0 Project Summary

Project:	Central Maui Regional Park
Applicant:	Engineering Division, Department of Land and Natural Resources Contact: Mr. Carty Chang; 1 151 Punchbowl Street, Room 221; Honolulu, Hawai'i 96813
Accepting Authority:	Department of Land and Natural Resources
Agent:	R. M. Towill Corporation 2024 N. King St. Suite 200 Honolulu, HI 96819 Contact: Chester Koga email: chesterk@rmtowill.com ph. 808.842.1133 fax. 808.842.1937
Tax Map Key(s):	(2) 3-8 007: 101
Proposed Action:	Construction of a 65-acre park with 9-ball fields, 4-soccer fields, comfort stations, parking, equipment storage, water reservoir, detention basin, maintenance facility, and landscaping
Land Area:	65 acres
State Land Use District:	Urban
Existing Land Use:	Vacant
Present Zoning:	Agricultural
Special Management Area:	N/A
Permits That May be Required:	Section 404 Clean Water Act; Building Permit, Grading and Grubbing Permit, Drainage Approval (County of Maui), Section 401 Water Quality Certification and NPDES Permit, State Department of Health, Special Use Permit

2.0 Introduction

2.1 Project Location

The project is located south of the city of Kahului on the Kahului Isthmus Region of the island of Maui in Hawai'i. The project area lies in both the Wailuku and Waikapu districts according to the United States Geologic Survey (USGS). Currently the project is vacant and covered with scrub brush. **See Figure 1 Project Location.**

The project is identified as Tax Map Key (TMK): (2) 3-8 007: 101. The project area was formerly classified as Agricultural. **Figure 2 State Land Use District.** A reclassification was approved by the State Land Use Commission in 2012, and the project area is now classified as Urban at the state level (Hawai'i State LUC 2012). The western portion of the project area required a Special Use Permit since 2007. The project area borders an Urban designated residential area to the north. At the County zoning and community plan levels, the project is still classified as Agricultural. The project is not located in a special management area (SMA). A county special use permit will be sought pursuant to §19.30A.060.H of the Maui County Code to allow for the use of ball fields in an area zoned as agriculture.

The planned Central Maui Regional Park will border a community center and cultural preserve to the west as well as county housing, a middle school and commercial areas to the south. Kuihelani Highway will border the park area to the east. To the north, the park will border the Maui Lani residential area. The park will provide youth and the general public with recreational opportunities.

2.2 Purpose of the Environmental Assessment

In accordance with Chapter 343, Section 5, Hawai'i Revised Statutes (HRS), this project involves the following actions that require the preparation of an Environmental Assessment (EA): *Propose the use of state or county lands or the use of state or county funds.* The applicant is the Engineering Division of the Department of Land and Natural Resources (DLNR), and the accepting authority is the Department of Land and Natural Resources.

Pursuant to the requirements of Chapter 343, HRS, and Chapter 11-200, Hawai'i Administrative Rules (HAR), the accepting authority, the DLNR, has determined that the proposed project is not expected to have significant environmental effects. Based on analysis and review of environmental conditions, project effects, and proposed mitigation measures, it has been determined that a Finding of No Significant Impact (FONSI) will be issued for this project.

The park will act as a partial northern boundary to the larger Wai'ale master planned community, as well as a southern boundary to the existing Maui Lani master planned community. Accessible by bicycle and walkable from residential areas, the park will act as a

Figure 1 Project Location

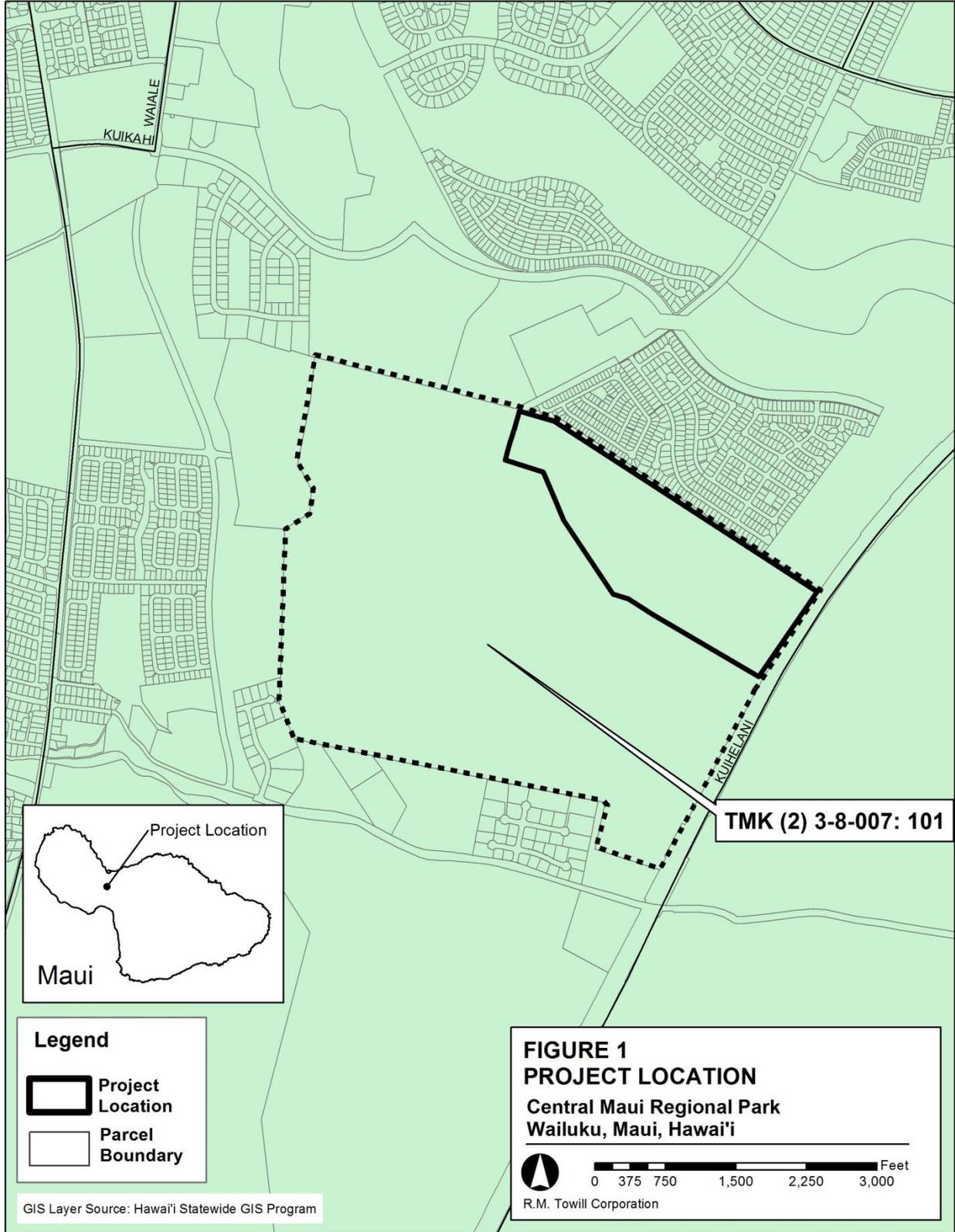
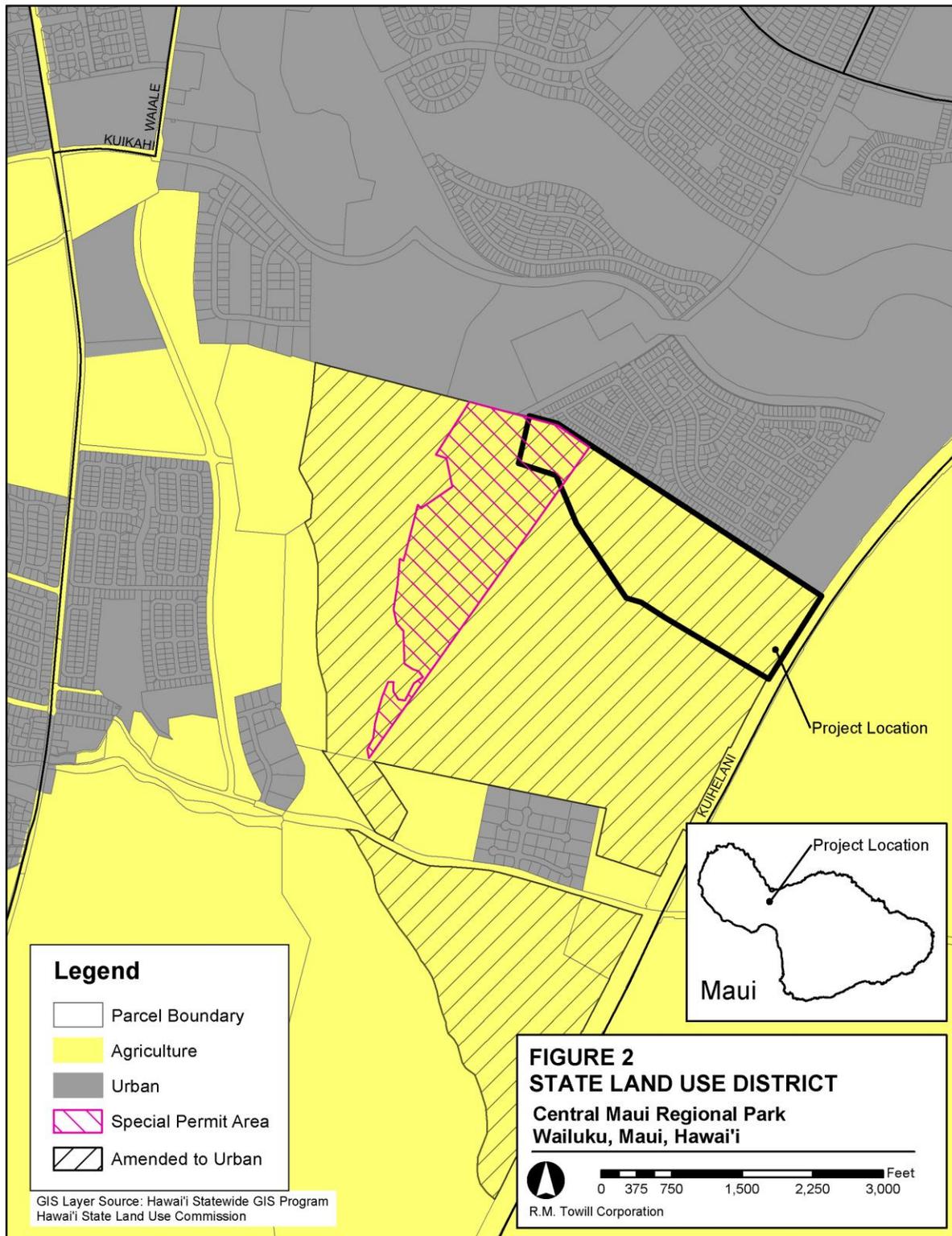


Figure 2 State Land Use District



2.3 Purpose and Need for Proposed Project

recreational area for the general public. The park will provide a venue for sports tournaments. The park includes a stormwater retention basin for the Wai'ale development to be developed by the Wai'ale developer.

Since the population of Maui County is 154,834 (U.S. Census 2010) and the Wailuku-Kahului area has high projected growth, there is a need to incorporate new recreational spaces such as the Central Maui Regional Park into development in the region.

According to the County of Maui, the necessary park dedication for a new subdivision is 500 square feet per lot or unit over three units. Given that the master planned Wai'ale development entails the construction of approximately 2,550 units, there is a need for roughly 30 acres of park area. It should be noted that the 65 acres does not contribute to the park dedication requirements of the Wai'ale development.

Additionally, there is a need in the Wailuku-Kahului area for space dedicated to a regional park. According to the Public Facilities Assessment Update for the County of Maui, with the expected expansion in Central Maui's population, by 2030 there will be a deficit of 755.9 acres of regional park space. The construction of the Central Maui Regional Park would help to meet this need (R. M. Towill Corporation 2007).

3.0 Project Description

3.1 Introduction

This project entails the construction of a regional park for the general public in the expanding area of Central Maui. The park will have ball fields, comfort stations, concession stands, parking lot (approx. 600+ stalls), and lighting for the baseball, softball, and soccer fields. In addition, facilities for irrigation water, an equipment storage building, stormwater detention, and an irrigation water storage tank will be provided at the park. The maintenance building will be in constructed in accordance to the requirements established by the State and County of Maui and will be built by the County of Maui. The irrigation water storage tanks will be constructed to provide the necessary irrigation water to the park with preliminary planning proposing one to two tanks to supply an estimated 100,000 gallons of irrigation water. The park will cover an area of approximately 65 acres.

The adjacent Wai‘ale master-planned community will be an area with single- and multi-family housing (approximately 2,550 units), commercial, retail and office space, a cultural preserve for archaeological features and sand dunes, a neighborhood park, a community center and a potential 18-acre middle school.

3.2 Existing Land Uses

The existing land uses in the area include a nearby residential area and elementary school. An area to the south of the project area is currently used for light industrial purposes. An area to the west has been used for sand mining. The project area itself is currently vacant and covered with scrub brush.

3.3 Proposed Action

A number of alternatives were considered before choosing the preferred alternative.

3.3.1 Alternative Actions

There are two possible alternative types: no action including delayed action, and an alternative design.

3.3.1.1 “No-Action” and Delayed Action Alternative

Under this alternative, Central Maui Regional Park will not be built. The land will remain vacant scrubland. This alternative will have no impact on infrastructure or aesthetic changes. There will be no construction impacts or added employment from construction and use of the park.

The no-action and delayed action alternative was rejected because it does not support the proposed development of Central Maui outlined in the County's Wailuku-Kahului Community Plan.

3.3.1.2 Alternative Action

Alternative designs for the regional park were considered. These designs incorporated baseball fields, softball fields, and soccer fields as well as a small drainage detention basin in the northeastern corner of the park. The parking lot area for these designs was much larger than that of the preferred alternative. The greater amount of impervious surfaces would result in increased runoff from these larger parking areas, which would be an unwelcome result of these alternative designs.

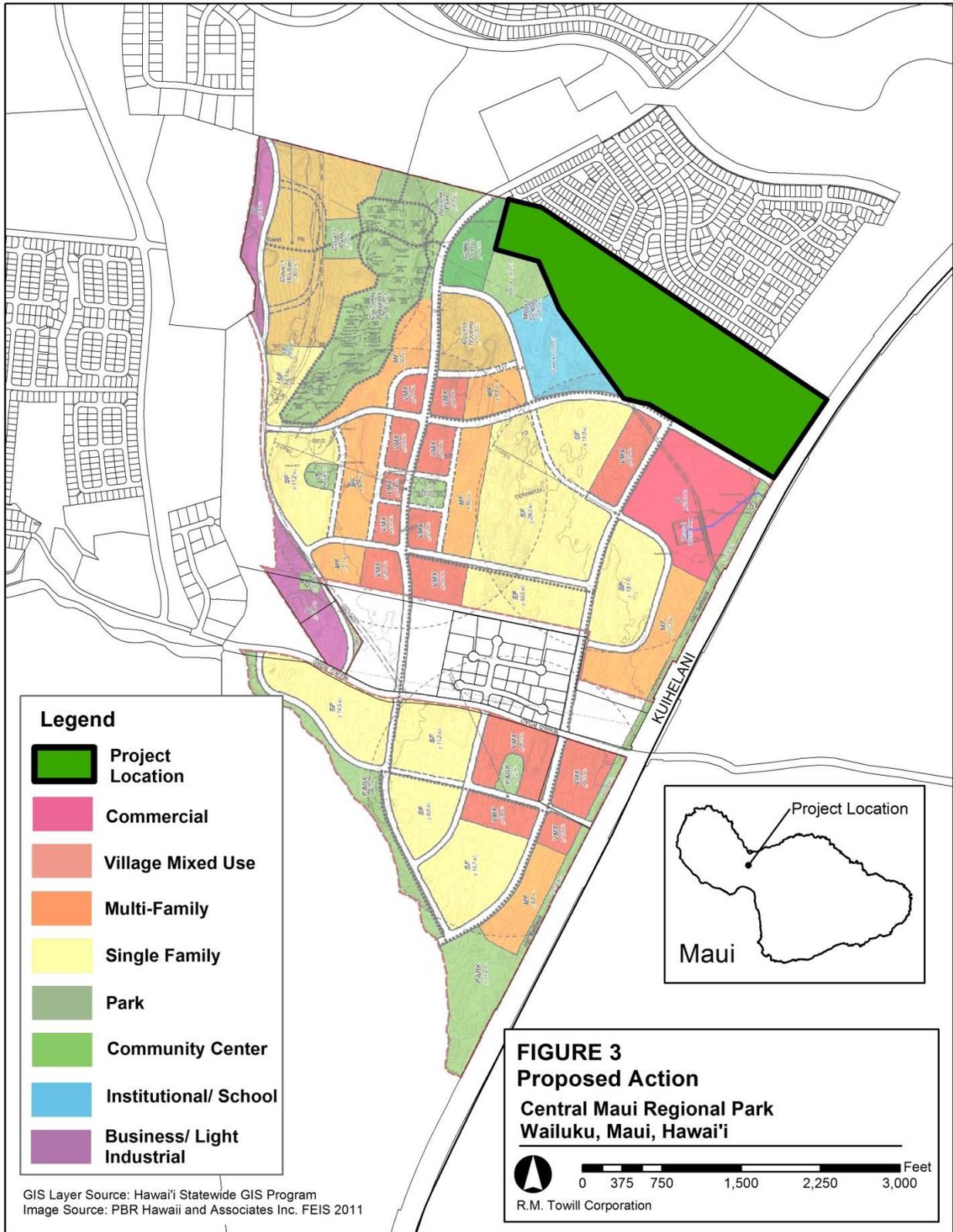
3.3.2 Preferred Alternative

The park will be used by nearby residents in the Wai'ale and Maui Lani communities. With Pomaika'i Elementary School nearby, as well as a potential 18-acre middle school including 6 acres of school fields which will be adjacent to the park, the park's sports fields will be available for use by students and the general public. The park will be adjacent to a commercial area to the south. **See Figure 3 Proposed Action.**

The preferred park design incorporates baseball fields, softball fields and soccer fields for recreational purposes on approximately 65 acres. Preliminary plans estimate space for approximately one baseball field, four softball fields, four Little League fields, and four soccer fields to be available at the park upon completion, but are subject to change. A parking lot with 600+ stalls, including planning for approximately 59 handicap stalls. Charging stations for electric vehicles will also be included. The parking lot for the preferred alternative is smaller than the other alternatives, which will reduce the amount of stormwater runoff. Comfort stations and concession stands are included in the plan. Underground drainage systems, potable water systems, sanitary sewer systems, street lighting and electrical systems, irrigation (non-potable) systems, maintenance building, reservoir (tank) and well for irrigation water, and landscaping will be installed as well as other accessory uses required by the State. A temporary access road to Kamehameha Avenue will be constructed in the first phase of development. A large drainage detention basin (to be constructed by the Wai'ale developer) in the northeastern corner of the park is also a key component of this design, which will allow for the retention of a larger amount of runoff, an estimated 176 acre-feet, from the Wai'ale master planned community.

Construction of the preferred alternative is broken down into three parts: the base bid, additive bid, and phase two. The base bid is the first phase to be completed, including the baseball fields and softball fields. The additive bid includes additional Little League fields and soccer fields.

Figure 3 Proposed Action



Phase two includes the final soccer fields, comfort stations, and the retention basin (the basin will be constructed by the Wai'ale developer). **See Figure 4 Site Plan.**

Construction for Phase 1 (baseball field, softball fields, open field and parking) of the project is slated to begin by the second quarter of 2014. The development of the well for irrigation water will precede the Phase 1 development. The additive bid to Phase 1 may also include the additional Little League fields. Construction will last approximately 6-8 months. Phase 2 (soccer fields and drainage retention basin) will be constructed after the completion of Phase 1. The County of Maui will be responsible for operations and maintenance of the facility.

3.4 Schedule

Construction for Phase 1 (baseball field, softball fields, open field and parking) of the project is slated to begin by the second quarter of 2014. Construction will last approximately 6-8 months. Phase 2 (Little League fields and soccer fields) will be constructed after the completion of Phase 1. The County of Maui will be responsible for operations and maintenance of the facility.

3.5 Cost

The cost for this project will involve constructing new access roads, sidewalks and other infrastructure, sports fields, fences, drainage systems, potable water systems, sanitary sewer systems, street lighting and electrical systems, irrigation systems and well development, and landscaping. Costs for the park will depend on the final selection of landscaping and surface materials, number of comfort stations and the type of lighting used in the park. The estimated total cost for the project is approximately \$22 million.

Figure 4 Site Map



Central Maui Regional Park Site Plan

MARCH 6, 2013

PREPARED BY PBR HAWAII

LINEAL SCALE (FEET)

NOTES



R. M. TOWILL CORPORATION

Central Maui Regional Park ± 65.0 AC.

Phase 1

High School-Major League Field (400' to C.F.)

Softball Field (300' to C.F.)

Phase 2

Soccer Fields (60 yds x 100 yds)

Bronco League (250' to C.F., 11-12 yrs)

4.0 Environmental Setting, Potential Impacts and Mitigation Measures

4.1 Climate and Rainfall

The average temperature in the area is 75.6 degrees Fahrenheit (PBR Hawai'i & Associates 2011), ranging from an average of 72.2 degrees Fahrenheit during the winter to an average of 78.5 degrees Fahrenheit in the summer. Precipitation averages 18.5 inches per year, ranging from less than one inch during the summer to 9.1 inches during the winter. The average wind speed is approximately 12.8 miles per hour (PBR Hawai'i & Associates 2011).

Potential Impacts and Proposed Mitigation.

The construction of the Central Maui Regional Park, which involves constructing sports fields, parking lots and comfort stations, will not have a significant impact on the surrounding climatic conditions since the majority of the project surface area will remain permeable, allowing for rainwater infiltration. Landscaping including trees and shrubs may alter the wind speed in the immediate area.

4.2 Geology, Topography and Rainfall

The geology of the area is comprised of volcanic soils from the Mauna Kahanalawai and Haleakala volcanoes. Erosion, effects from ancient sea level changes and wind-driven reef sand all contributed to the complex soil composition in the Kahului Isthmus.

The soil in the project area is classified as Pu'uone Sand with an estimated 20" thick layer of grayish sand at the surface. Subsurface sand is grayish-brown and cemented. The soil is alkaline, and has rapid permeability and slow runoff. An area to the east of the project area has Jaucas Sand, which has a thinner surface layer of 6" and a total thickness of 60" (U.S. Department of Agriculture 1972). **See Figure 5 Soil Survey.**

The Land Study Bureau of the University of Hawai'i classifies this soil as "E," or having the lowest productivity which makes it unsuitable for agriculture. Typically, this type of soil is used for grazing. A small portion of the area is classified "C" with fair productivity levels for the soil. **See Figure 6 Land Study Bureau Detailed Land Classification.**

The Hawai'i State Department of Agriculture's Agricultural Lands of Importance to the State of Hawai'i (ALISH) classification system deem the project area as "Other", which means it is not classified as "Prime" or "Unique" land. **See Figure 7 ALISH.**

Figure 5 Soil Survey

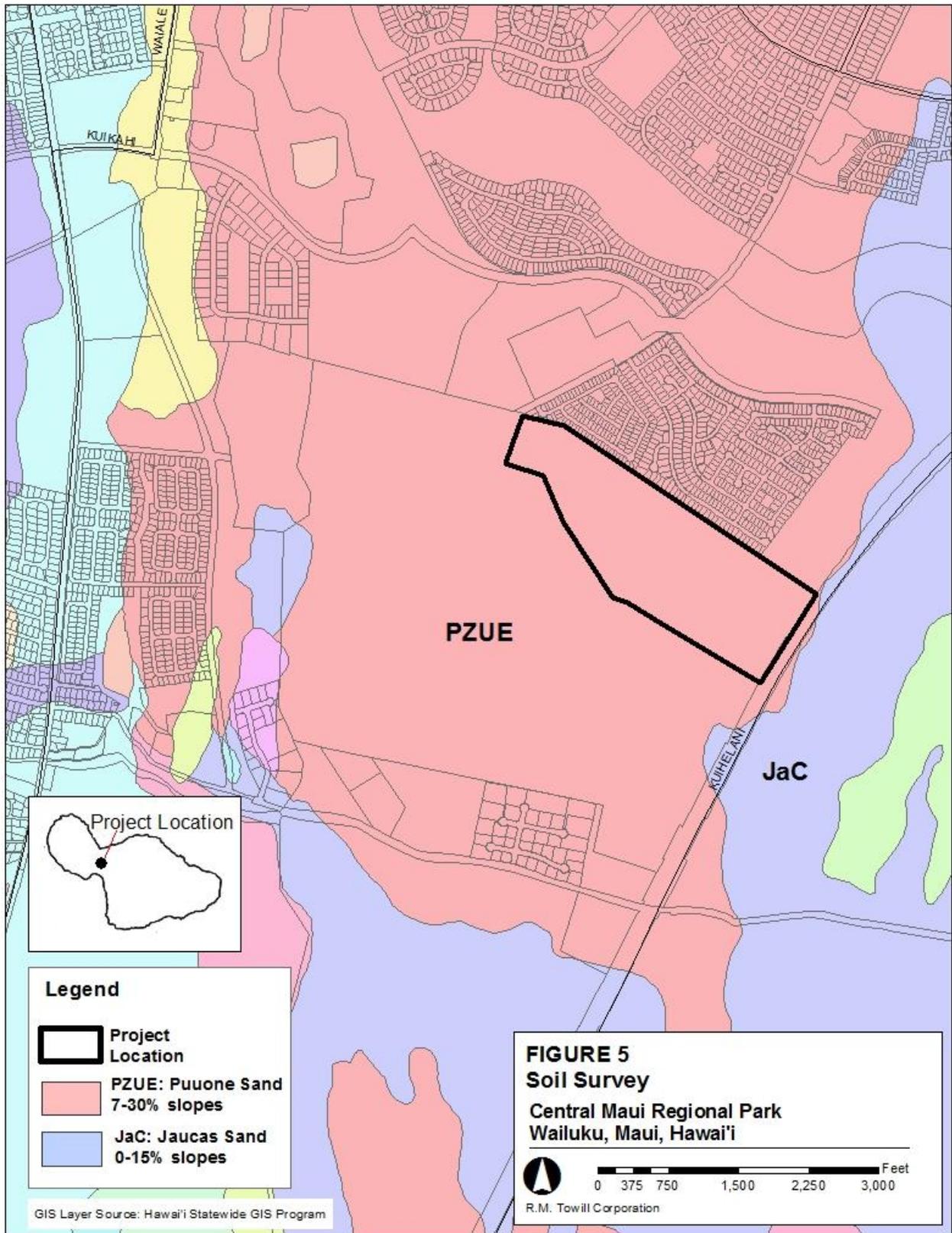


Figure 6 Land Study Bureau Detailed Land Classification

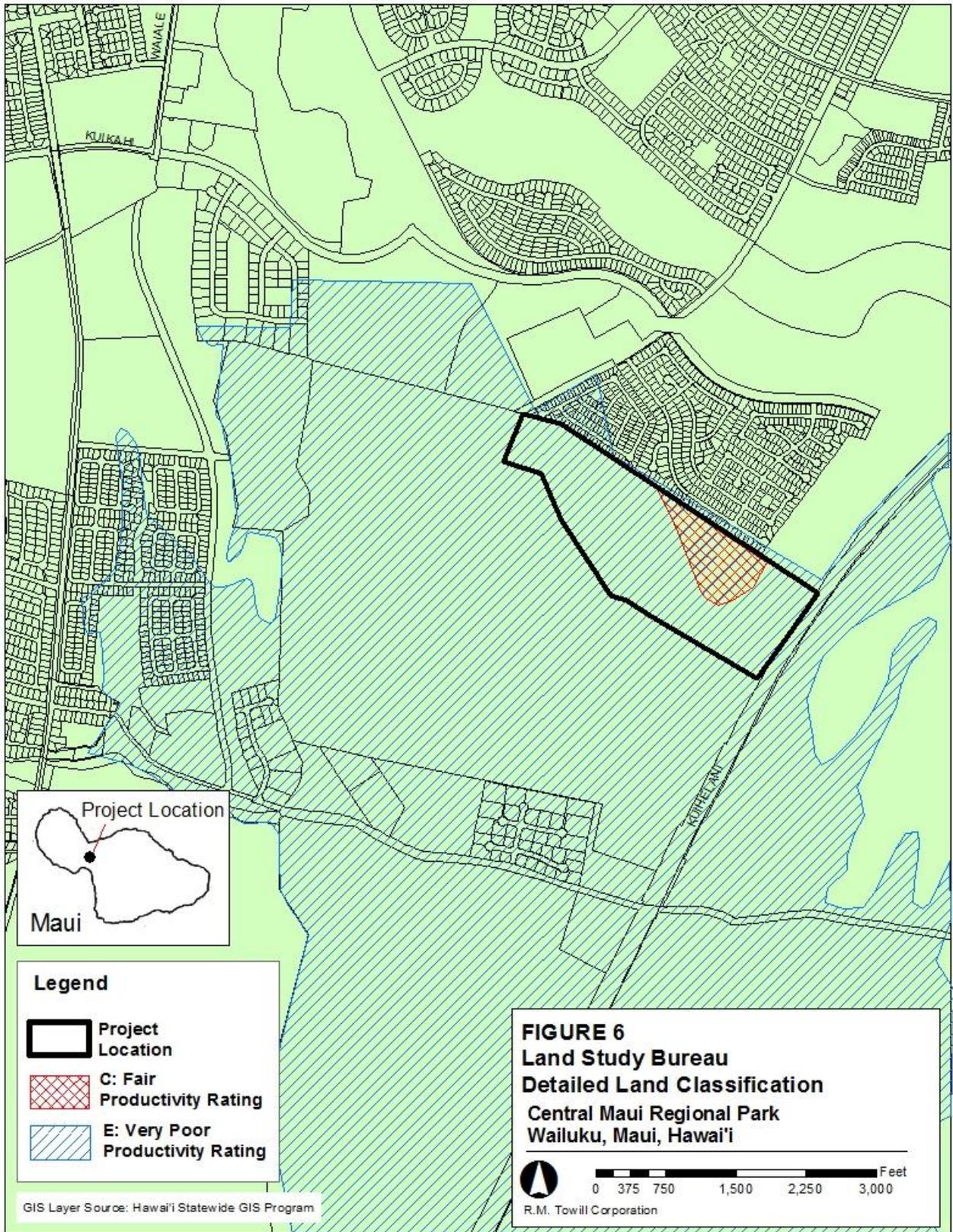
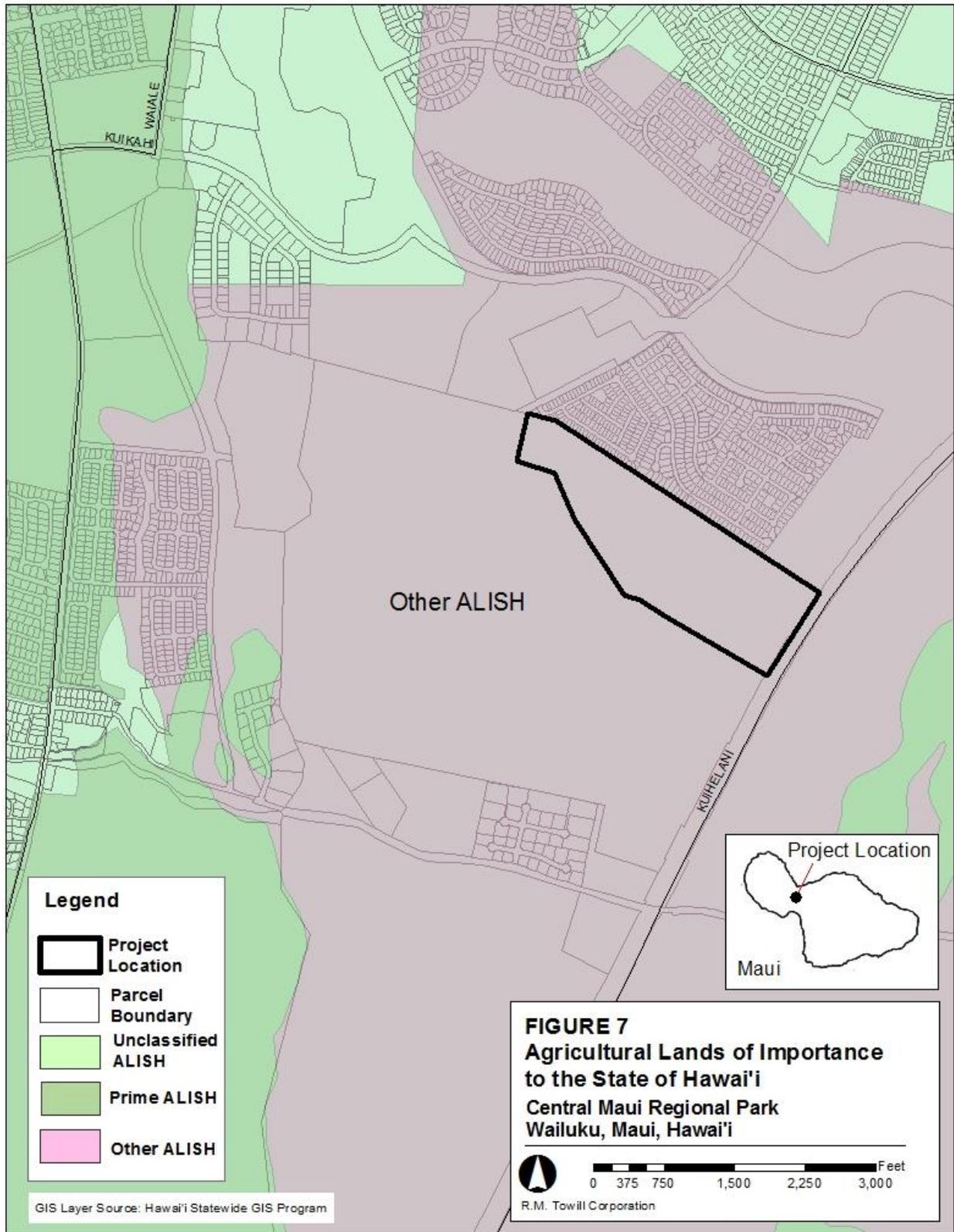


Figure 7 Agricultural Lands of Importance to the State of Hawai'i



Potential Impacts and Proposed Mitigation.

During the construction of the project, temporary erosion control measures will be taken. This will include utilizing best management practices for erosion control, including berms, grass swales and sediment basins to catch any loose sediment and the stabilizing of slopes to discourage excess runoff (PBR Hawai'i & Associates 2011). The project area has a slight slope to the northeast. Drainage is currently sheet flow in nature and this will continue for a majority of the property since it will remain open. Once construction is complete, permanent erosion mitigation measures will be implemented, including grass swales, open space to reduce impervious coverage in the area, and storm water retention and infiltration (PBR Hawai'i & Associates 2011).

4.3 Water Quality

Runoff from the area will be minimally affected once construction is complete due to the largely permeable ground cover in the park. The area does not have any surface water or exhibit any wetland characteristics (PBR Hawai'i & Associates 2011).

Potential Impacts and Proposed Mitigation.

The effects of the construction of the project will be minimized with the installation of best management practices including silt fences, dust fences and the stabilization of graded land. These mitigation measures will reduce the pollutant loads in runoff from the area. Water quality will not be negatively affected by the construction of the courts and fields in the regional park.

4.4 Groundwater and Inland Surface Waters

Groundwater will be needed in order to irrigate the ball fields and landscaped area in the park. Due to high demand in surrounding areas for water from the existing Department of Water Supply (DWS) water system, a new source of water is being investigated for the park's domestic demands for the comfort stations and fire protection (PBR Hawai'i & Associates 2011). The development of the new water source on-site will include a well and a reservoir to supply non-potable irrigation water.

Two wells have been constructed in the nearby Wai'ale project area, both of which passed tests for quality and capacity. The water from these wells is not currently planned for use in the Wai'ale area. In order to preserve Central Maui's groundwater resources, the Central Maui Regional Park is planned to utilize non-potable ground water for irrigation until reclaimed water is available from the proposed Wai'ale wastewater treatment facility. Based on the quality and quantity of water from the two existing wells in the vicinity, it is anticipated that the quality of the ground water will not be potable, but will be suitable for irrigation. The well and irrigation

water storage facility will provide as much irrigation water as practicable until completion of the wastewater treatment facility.

Potential Impacts and Proposed Mitigation

The project will implement water-saving practices such as utilizing non-drinking quality water for irrigation in the park. The park will demand an estimated 400,000 GPD of water for irrigation. The park may temporarily use ground water for irrigation, but once the wastewater treatment facility is constructed, treated water will be used for irrigation in the park.

Potable water will be required for operation of the comfort stations. A request will be made to DWS to supply potable water for up to four comfort stations and for fire protection. None of the potable water will be used for irrigation.

4.5 Natural Hazards

A. Floods

According to the Federal Emergency Management Agency (FEMA), the National Flood Insurance Program's Flood Insurance Rate Map (FIRM) for the project area designates it as "X", or outside the 100-year and 500-year floodplain. Nearby the Waikapū Stream has a buffer area classified as "AE," which is a floodplain where a base flood elevation is provided. **See Figure 8 Floodplain**

B. Tsunami

The project is located outside the state's tsunami evacuation zone.

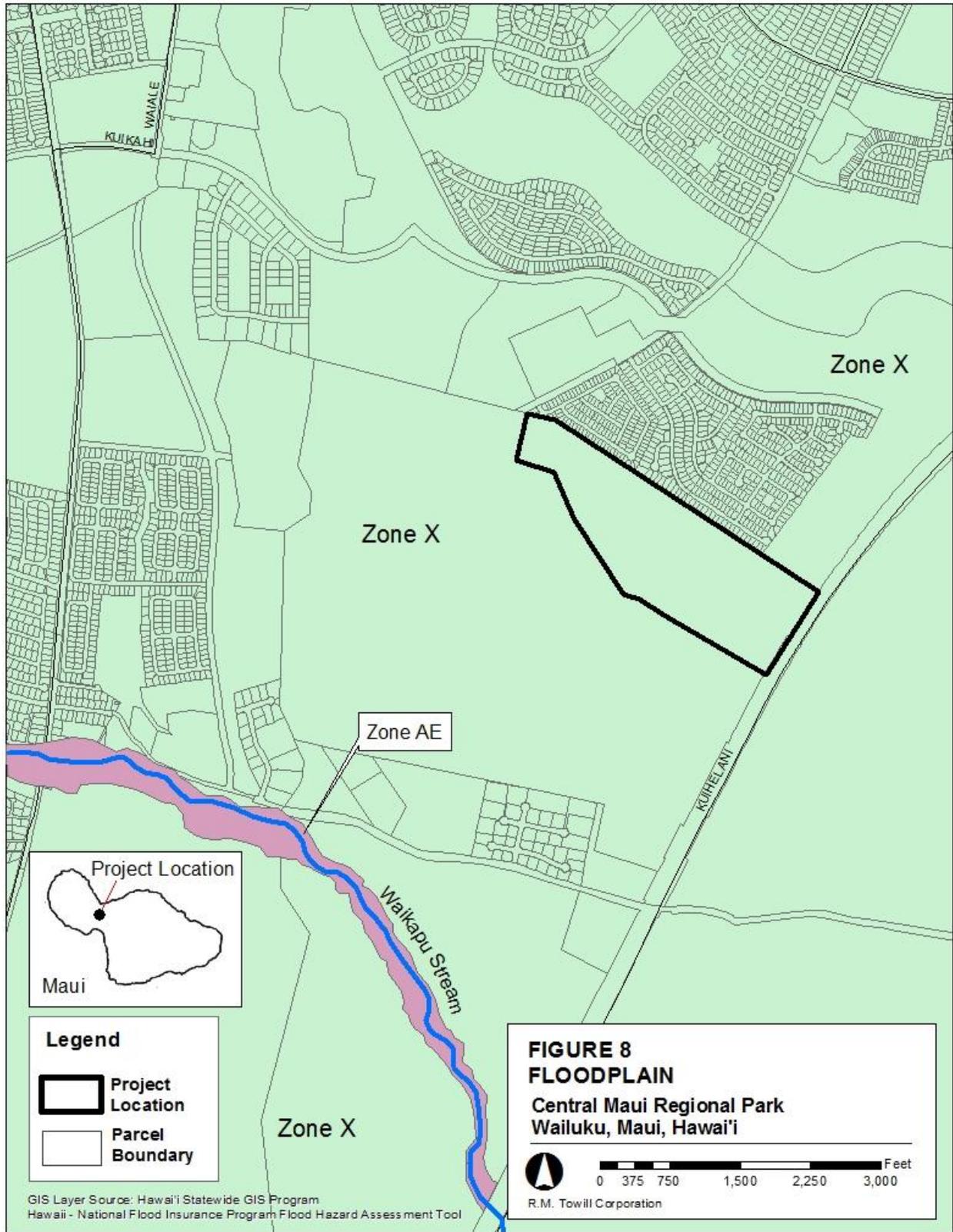
C. Seismic Hazard

Hazards due to seismic activity in Hawai'i are largely from volcanic activity rather than tectonic plate movement. While most seismic activity is unnoticeable, there have been occasional moderate to disastrous earthquakes that have affected the area. In 1938 the Maui Earthquake had a magnitude of between 6.7 and 6.9 on the Richter Scale, and in 2006 a series of earthquakes centered at Kiholo Bay on Hawai'i Island registered 6.7 and 6.0.

D. Hurricanes and High Winds

The Hawaiian Islands are seasonally affected by Pacific hurricanes from the late summer to early winter months. The State has been affected twice in the past thirty years by significant hurricanes, 'Iwa in 1982 and 'Iniki in 1992. During hurricanes and storm conditions, high winds cause strong uplifting forces on structures, particularly on roofs. Wind-driven materials and debris can attain high velocity, cause devastating property damage, and harm to life and limb. It is difficult to predict these natural occurrences, but it is reasonable to assume that future events will occur. The project area is, however, no more or less vulnerable than the rest of the region to the destructive winds and torrential rains associated with hurricanes.

Figure 8 Floodplain



Potential Impacts and Proposed Mitigation.

The project will not worsen the conditions presented by natural hazards in the area. In order to mitigate damage from natural hazards, the comfort stations will be built according to the County Building Code (PBR Hawai'i & Associates 2011).

4.6 Unexploded Ordnance (UXO) Hazard

There is a possibility of the presence of unexploded ordnance on the site. A phase 2 ESA will be done and a specialist UXO monitor will observe the excavation work for the park to ensure that if any ordnance is found, it will be properly dealt with. The presence of this ordnance would lengthen the time and increase the cost for the preparation of the area.

Potential Impacts and Proposed Mitigation.

This report does not anticipate the finding of unexploded material. Necessary safety precautions will be taken during construction. Further mitigation may be warranted pending the findings and recommendations of the Phase 2 ESA.

4.7 Air Quality

Air quality in the area is good since the area is currently vacant. Vehicular traffic from nearby residential areas and highway produce emissions.

Potential Impacts and Proposed Mitigation.

During construction, equipment may generate dust. This will be controlled with dust fencing and the regular wetting of disturbed surfaces with water or suitable chemicals to minimize airborne dust. The park area will be planted with trees and turf as soon as possible after grading is completed. Diesel-powered trucks will be limited in the time they are allowed to idle, which will decrease their emissions. There is a low chance of generating substantial air pollution once construction is completed since the area will be a landscaped park.

4.8 Noise

Noise generated in the currently vacant area is minimal. A noise study was conducted to determine a baseline ambient noise level. This study found noise levels to range from 49.2 to 65.9 Decibels (dBA) Equivalent Continuous Noise Level during peak traffic times. In surrounding areas, agricultural, industrial and vehicular traffic contribute to the overall noise level (PBR Hawai'i & Associates 2011).

Potential Impacts and Proposed Mitigation.

Noise levels will increase during construction of the regional park due to construction vehicles. In order to limit the effect of noise from construction on surrounding areas, construction work will adhere to State and County noise regulations.

Once construction is complete, the park will attract people for recreational purposes. This may result in increased noise due to traffic and increased noise levels during sports games, when athletes and spectators will congregate in the park.

4.9 Flora and Fauna Resources

The property is covered primarily with buffelgrass (*Cenchrus ciliaris*) and kiawe trees (*Prosopis pallida*). Nearby, four species of native plants were found including 'uhaloa (*Waltheria indica*), 'ilima (*Sida fallax*), kou (*Cordia subcordata*) and popolo (*Solanum americanum*). During biological surveys in 2007 and 2011, no federally listed endangered or rare plants were found.

The surveys also revealed sightings or signs of fauna in the area, including the more common axis deer (*Axis axis*) and cattle (*Bos Taurus*), and more uncommon horse (*Equus caballus*), mongoose (*Herpestes auropunctatus*), feral cats (*Felis catus*) and dogs (*Canis familiaris*). The native Hawaiian hoary bat (*Lasiurus cinereus semotus*) was not found to be present in the area (PBR Hawai'i & Associates 2011).

Eighteen species of non-native birds and one migratory bird species were sighted near the property. The nēnē goose (*Branta sandvicensis*), Newell's shearwater (*Puffinus auricularis newelli*), Hawaiian petrel (*Pterodroma sandwichensis*), Hawaiian goose (*Branta sandvicensis*), Hawaiian stilt (*Himantopus mexicanus knudseni*) and Hawaiian coot (*Fulica alai*), are threatened or endangered species, were not found in the area. Aquatic birds will not be attracted to the site because of the absence of water. The native Hawaiian owl or 'pueo' has been sighted in the area by nearby residents.

In addition, a non-native gecko, two species of non-native snails and 36 species of insects, three of which were native, were found nearby. The endangered endemic Blackburn's sphinx moth (*Manduca blackburni*) was seen in the area, although the property is not classified as critical habitat for this moth.

Potential Impacts and Proposed Mitigation.

The property is populated with mainly non-native botanical resources. A mitigation plan for protecting the Blackburn's sphinx moth's habitat will be drafted by the DLNR. Further surveys will be done for the Blackburn's sphinx moth prior to the start of construction. If the proposed park attracts the nēnē, then appropriate protection measures will be undertaken.

Though no Hawaiian hoary bats were observed on the site, and the site is already devoid of trees as a product of sugarcane cultivation that the bats would use for pup-rearing, no woody plants greater than 15 feet tall will be removed or trimmed between June 1 and September 15.

To minimize potential project impacts to seabirds during their breeding season, between September 15 and December 15, no night-time work will be performed. All outdoor lights will be shielded so the bulb can only be seen from below bulb height and only used when necessary.

Landscaping in the park will include, to the extent possible, wind- and drought- resistant plants.

4.10 Scenic and Aesthetic Environment

From the site, the slopes of Haleakalā, Waikapū Valley and Mauna Kahalawai are visible. The project site does not lie in a scenic or unique area (PBR Hawai'i & Associates 2011).

Potential Impacts and Proposed Mitigation.

The project will change the area's aesthetic environment from its current vacant, undeveloped state. The proposed park would introduce irrigated landscaping, parking lots and clearly delineated sports fields. Because the area lies lower than nearby Honoapi'ilani Highway, the development will not obstruct views to Haleakalā, Waikapū Valley or Mauna Kahalawai.

5.0 Public Services, Potential Impacts and Mitigation Measures

5.1 Traffic and Circulation

The nearest arterial street is Kuihelani Highway, which borders the site on the east. This highway leads into Kahului from the southern area of the Isthmus near Ma'alaea. It is a four-lane highway with a posted speed limit of 55 mph near the property. During traffic studies, no congestion was observed near the project site.

A temporary access road will connect to the end of Kamehameha Avenue, a two-lane collector road running through Maui Lani. The road will be extended to continue south and then arc to the southeast, forming the parking lot for the proposed district park. Access for the park will be provided from Kamehameha Avenue and a new roadway will be constructed by the Wai'ale developer. The park will not have a direct entrance for automobiles off of Kuihelani Highway.

Potential Impacts and Proposed Mitigation.

A number of residential developments are planned for Central Maui, many of which are planned to be completed by 2022. These projects will add approximately 4,850 new dwelling units in the area, adding a considerable amount of new traffic. Without the recommended street widening, many nearby intersections will suffer from congestion.

The impact of the Central Maui Regional Park construction on traffic patterns may increase the amount of vehicular and foot traffic to the park, especially during weekends and scheduled game events. Kuihelani Highway will act as the main arterial road leading to the park from Kahului to the north and from the south. The nearby extension of Kamehameha Avenue will allow for entry to the park from the north.

Proficiency on the traffic network to mitigate the potential impacts of the Central Maui Regional Park has already been evaluated as part of the Wai'ale Environmental Impact Statement (2011) in which the proposed improvements to the park were included. An evaluation of traffic impacts during peak travel periods (AM and PM) did not show that the park would have a significant impact as most of the organized activity at the park would generally occur during off peak periods during the weekday and on weekends.

5.2 Wastewater

The land currently does not generate any wastewater because it is undeveloped.

As of December 2011, there was a small amount of capacity available (11% of the maximum capacity) for the existing Kahului Wastewater Reclamation Facility (WWRF) to accept additional wastewater for processing.

Potential Impacts and Proposed Mitigation.

The increase in wastewater from the proposed park will temporarily be transported for treatment at the County's existing waste water treatment facility until the Wai'ale Water Treatment Facility (WTF) is online.

The effluent from this facility will be R-1 quality and able to be reused for landscape irrigation for the Central Maui Regional Park.

5.3 Potable Water

A buried water transmission line traverses the western part of the proposed park. Nearby, a 12" waterline along South Kamehameha Avenue services the Maui Lani area. The Consolidated Baseyards subdivision nearby has its own private water system.

Potential Impacts and Proposed Mitigation

The proposed project will demand an estimated 12,000 GPD of potable water for use in the park's comfort stations. The water will be supplied by the Department of Water Supply (DWS).

Potential new drinking water sources for the master planned Wai'ale development are being explored, including surface water treatment as well as the construction of new wells. The proposed water treatment facility would treat water from Waihe'e Stream. The proposed Wai'ale WTF will not divert additional water from the four Na Wai 'Eha streams above the status quo.

Tests on the new wells accessing the Kahului Aquifer indicate plenty of capacity and good quality in the area. The State Commission on Water Resource Management (CWRM) has noted a sustainable yield of 1 million GPD for this aquifer, assuming 20% of the rainfall in the area recharges the aquifer.

In addition to the development of potable water sources, non-potable irrigation sources will be developed. Alternatives being considered include the drilling of a well on-site as well as tapping into water sources adjacent to the park site.

Water conservation can reduce the demand for potable water use within the park. As such, the following measures will be taken:

Indoor

- Use EPA Water Sense labeled plumbing fixtures
- Install flow reducers and faucet aerators in all plumbing fixtures where possible.
- Install dual flush toilets with high efficiency models that use 1.28 gallons per flush or less.
- Install bathroom sink faucets with fixtures that do not exceed 1 gpm at 60 psi.

- Limit the distance from the hot water source to the tap early in the design stage.

Outdoor

- Use Smart Approved Watermark irrigation products. Examples include ET irrigation controllers, drip irrigation, and water saving spray heads.
- Avoid plant fertilizing and pruning that would stimulate excessive growth.
- Time watering to occur in the early morning or evening to limit evaporation.

5.4 Power and Communications

Maui Electric Company (MECO) runs a transmission circuit along Kuihelani Highway. Hawaiian Telecom's facilities include underground cables running along Kamehameha Avenue, which currently end near Pomaika'i Elementary School. Oceanic Time Warner Cable also runs fiber optic cables for cable TV, data and telephone under Maui Lani Parkway, extending to Pomaika'i Elementary School.

Potential Impacts and Proposed Mitigation.

The project will demand power for field and parking lot lighting as well as power for the comfort stations and maintenance building.

5.5 Police Protection

The project lies in the Wailuku Patrol District of the County. One hundred fifteen officers from the County Police Department serve this district.

Potential Impacts and Proposed Mitigation.

With the expansion of the population in the area, additional police protection may be required for the area. The proposed park and community center will be lighted for enabling residents to play games at night. Additionally, sufficient lighting will enhance the safety of pedestrians and vehicular traffic in the area, and deter crime in the fields and parking lots of the park.

5.6 Fire Protection

The Maui County Fire Department (MFD) provides protective services to the area. The Kahului Fire Station is located 2.5 miles away from the proposed park.

Potential Impacts and Proposed Mitigation.

With the expansion of the population in the area, additional fire protection may be required for the area. With proper irrigation, the proposed park will not pose a threat for fires. Hydrants will be installed near the proposed structures in the park. The comfort stations in the park will

be built according to fire safety requirements. The proposed roads will provide access to fire trucks if needed. The water supply for fire protection will come from the DWS.

5.7 Health Care and Emergency Services

Maui Memorial Medical Center is located 3 miles from the project site. Acute, general and emergency care services are provided there. There are a number of health clinics in the Wailuku and Maui Lani areas.

Potential Impacts and Proposed Mitigation.

This project is not expected to have an impact on medical services in the area. Visitors to the park who may become injured will have access to the nearby medical center.

5.8 Parks and Recreation

There are currently twenty parks in Central Maui, totaling 327.45 acres. These range from beach parks to swimming pool complexes, a campground and shooting ranges to smaller neighborhood parks. Keopuolani Regional Park, an extensive park complex of 110 acres with a playground, sports fields, a pool, an amphitheater, offices, picnic areas and locker rooms, is three miles away from the proposed park site.

Potential Impacts and Proposed Mitigation.

This project will enhance the park system in Central Maui, acting as a destination for sports teams and residents.

Given Central Maui's future expansion in population, it is necessary to incorporate a regional park in Central Maui's development. To meet the County's park dedication requirements for the Wai'ale development, approximately 30 acres must be dedicated to parks.

6.0 Socioeconomic and Related Environment, Potential Impacts and Mitigation Measures

6.1 Socioeconomic Characteristics

The total current population of the County of Maui is 154,834. The median age is 39.6 years. Total households in the County number 51,281 with an average household size of 2.89 members. There are a total of 68,417 housing units, with a 2% vacancy rate among homeowners and a 26.1% vacancy rate for rentals. (U.S. Census 2010)

The mean household income for Maui was \$82,113 in 2010.

The project area, in the Wailuku-Kahului district, is the most sought-after area for residential development for residents of Maui (PBR Hawai'i & Associates 2011), with nearly 90% of residential sales between 2004 and 2005 taking place in Central Maui. Development of residential subdivisions is projected to continue in Central Maui.

Potential Impacts and Proposed Mitigation.

The project is not expected to have an effect on the community's socioeconomic status. Residents of all socio-economic backgrounds will be able to visit the park and utilize its fields.

6.2 Land Use and Ownership

The project site is bordered on the north by Maui Lani, a master-planned residential area. To the south, the land is vacant and covered with scrub brush. To the east, the area is bordered by Kuihelani Highway and sugarcane fields.

The land for the project is currently owned by Alexander and Baldwin and is in the process of being acquired by the State of Hawai'i.

Nearby there are several existing and planned residential areas, including primarily single-family lots. The land was formerly used for sugarcane cultivation.

Potential Impacts and Proposed Mitigation.

The project area is in the process of being acquired by the State of Hawai'i. Once construction is complete, maintenance of the park will be overseen by the County.

6.3 Historic and Archaeological Resources

A number of archaeological studies have been done in the project's vicinity due to its high potential to contain burials. In 2006, Pantaleo conducted an Archaeological Assessment for the Proposed Hawaiian Cement and Ameron Sand Mining Area. This assessment area is partially

located on the project site, in the western part of the proposed park. This investigation yielded no surface or subsurface cultural remains.

During another archaeological investigation, human remains were observed to the immediate south of the park area. These remains have been cataloged as State Site 50-50-04-5504. It is thought that these remains as well as two other sets of remains were displaced when a sand berm was being constructed along Kuihelani Highway. This site is classified as significant in terms of yielding information on pre-history or history (Criterion D) as well as culturally significant, with probable religious structures or burials nearby (Criterion E). This burial is not located in the project area.

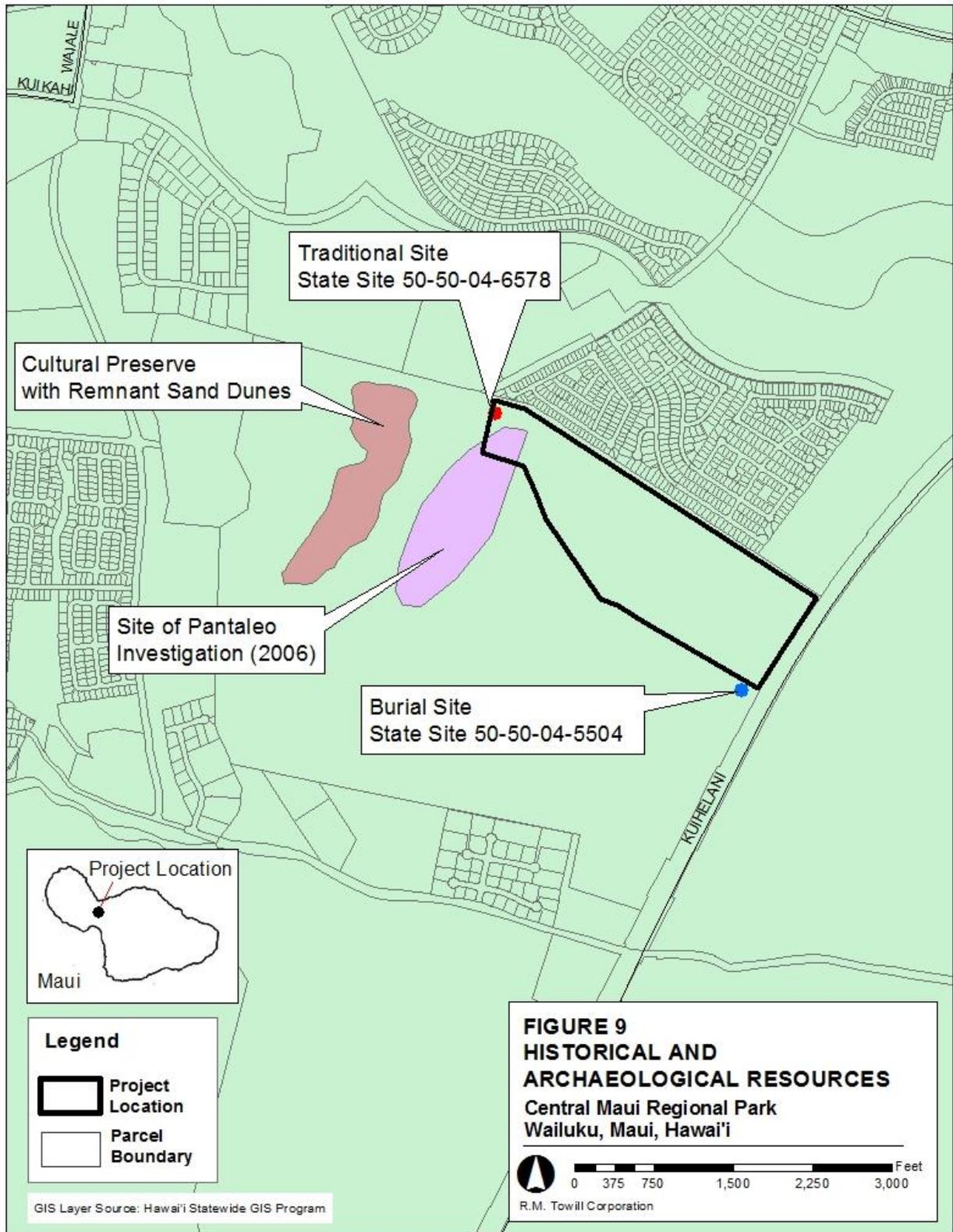
A traditional site (identified as State Site 50-50-04-6578) located in the northwestern part of the project area was excavated and found to be an *imu* or fire pit. The dating of the site estimated that the remains from the fire were from a relatively late use, most probably from a traditional period. The lack of surrounding artifacts indicates it was used for a single food preparation event. This site is classified as significant in terms of yielding information on pre-history or history (Criterion D) (PBR Hawai'i & Associates 2011). **See Figure 9 Historical and Archaeological Resources.**

Most recently, as part of the planning for the Wai'ale development an Archaeological Inventory Survey was performed by Scientific Consultant Services, Inc. in 2010. The study covered 607 including the project site. Inadvertent burials were unearthed in Wailuku in 1995 during grading of a sandy area as part of Site 50-50-04-2916. Other burials have been discovered at the Maui Lani Development Property designated as Site -2797. Site -5504 adjacent to the project site has undergone mitigation as part of the Wai'ale development. Due to the presence of the dunes in the area being less disturbed than in other locales and human remains being found at Site -5504 and that the site boundaries were not yet determined, trenching was performed. The results of the trenching yielded that the project area was likely used for sugarcane cultivation and unearthed natural river rock deposition. An absence of human remains was recorded in the general area surrounding site -5504.

Potential Impacts and Proposed Mitigation.

Based on the recommendations of the 2010 AIS (SCS 2010), to protect any historical resources found on the project site, the area will be monitored for burial sites and culturally significant sites. An archaeologist will be hired to monitor the work in the area. No further work is recommended for Site 50-50-04-6578. There will be ongoing consultation work with the State Historic Preservation Division. The project area will be monitored during excavation work for additional burials to ensure their protection.

Figure 9 Historical and Archaeological Resources



6.4 Cultural Impact Assessment

The area surrounding the project site contains both disturbed and undisturbed sand dunes. According to one resident who has researched the area extensively, the region was a historical roadway crossing the Central Maui plains. The nearby intact sand dunes have attracted another resident who performs neo-traditional practices. This individual has expressed the desire to honor those buried in the area.

Potential Impacts and Proposed Mitigation.

A Cultural Impact Assessment (CIA) was completed in accordance with Act 50. Near the planned park, approximately 33 acres have been reserved as a cultural preserve that includes most of the intact sand dunes where burials would likely be located. The general public will be free to access this area. Project representatives have worked with the community to identify important cultural aspects of the area to preserve. The project seeks to develop opportunities to educate residents on the area's historical and cultural importance.

As excavation work for the construction of the park begins, care will be taken in order to ensure proper protection and signage for unearthed cultural artifacts and burials. A qualified cultural specialist will be hired to participate in various cultural activities in the area, including a cultural orientation program for construction personnel.

7.0 Relationship to Land Use Plans Policies and Controls of the Potentially Affected Area

7.1 Overview

State and County of Maui policies, plans, and land use controls are established to guide development in a manner that enhances the environment and quality of life. The establishment of policies, plans, and land use controls at all levels of government are further promulgated to help ensure that the long-term social, economic, environmental, and land use needs of the community and region can be met. The proposed project's relationship to land use policies, plans, and controls for the region and proposed activity are as follows.

7.2 Hawai'i State Plan

The Hawai'i State Plan, adopted in 1978, and promulgated in Chapter 226, HRS, consists of three major parts:

Part I, describes the overall theme including Hawai'i's desired future and quality of life as expressed in goals, objectives, and policies.

Part II, Planning Coordination and Implementation, describing a statewide planning system designed to coordinate and guide all major state and county activities and to implement the goals, objectives, policies, and priority guidelines of the Hawai'i State Plan.

Part III, Priority Guidelines, which express the pursuit of desirable courses of action in major areas of statewide concern.

The proposed project is consistent with the objectives and policies of the Hawai'i State Plan. Specifically, the proposed action will enhance accessibility to recreational and sports facilities for residents and visitors.

The following section of the Hawai'i State Plan's objectives and policies for socio-cultural advancement are relevant to the proposed action.

§226-23 Objectives and policies for socio-cultural advancement--leisure.

- (a) Planning for the State's socio- cultural advancement with regard to leisure shall be directed towards the achievement of the objective of the adequate provision of resources to accommodate diverse cultural, artistic, and recreational needs for present and future generations.*
- (b) To achieve the leisure objective, it shall be the policy of this State to:*
 - (1) Foster and preserve Hawai'i 's multi-cultural heritage through supportive cultural, artistic, recreational, and humanities-oriented programs and activities.*
 - (2) Provide a wide range of activities and facilities to fulfill the cultural, artistic, and recreational needs of all diverse and special groups effectively and efficiently.*

- (3) *Enhance the enjoyment of recreational experiences through safety and security measures, educational opportunities, and improved facility design and maintenance.*
- (4) *Promote the recreational and educational potential of natural resources having scenic, open space, cultural, historical, geological, or biological values while ensuring that their inherent values are preserved.*
- (5) *Ensure opportunities for everyone to use and enjoy Hawaii's recreational resources.*
- (6) *Assure the availability of sufficient resources to provide for future cultural, artistic, and recreational needs.*
- (7) *Provide adequate and accessible physical fitness programs to promote the physical and mental well-being of Hawai'i's people.*
- (8) *Increase opportunities for appreciation and participation in the creative arts, including the literary, theatrical, visual, musical, folk, and traditional art forms.*
- (9) *Encourage the development of creative expression in the artistic disciplines to enable all segments of Hawai'i's population to participate in the creative arts.*
- (10) *Assure adequate access to significant natural and cultural resources in public ownership. [L 1978, c 100, pt of §2; am L 1986, c 276, §22]*

The design and development of this project will further address the needs of the community and region through the selection of a site that will allow residents of nearby residential areas and visitors to access the park. The project will be developed in accordance with all laws and regulations necessary to ensure adverse environmental effects are mitigated.

7.3 State Land Use District

The State Land Use Commission classifies all lands in the State of Hawai'i into one of four land use designations: Urban, Rural, Agricultural and Conservation. The project site is located in the State Land Use Urban District.

Part of the project area was classified as Special Use Permit starting in 2007 for sand mining purposes. This permit has likely expired and no application for extension of the permit has been filed. **See Figure 2 State Land Use District**

7.4 Coastal Zone Management Program

All land and water use activities in the state must comply with Chapter 205A, HRS, Hawai'i Coastal Zone Law. The State of Hawai'i designates the Coastal Zone Management Program (CZMP) to manage the intent, purpose and provisions of HRS, Chapter 205(A)-2, as amended, for the areas from the shoreline to the seaward limit of the State's jurisdiction, and any other area which a lead agency may designate for the purpose of administering the CZMP.

The following is an assessment of the project with respect to the CZMP objectives and policies set forth in Section 205(A)-2.

1. Recreational resources

Objective: Provide coastal recreational opportunities accessible to the public.

Policies: A) Improve coordination and funding of coastal recreational planning and management; and B) Provide adequate, accessible, and diverse recreational opportunities in the coastal zone management area by:

(i) Protecting coastal resources uniquely suited for recreational activities that cannot be provided in other areas;

(ii) Requiring replacement of coastal resources having significant recreational value including, but not limited to, surfing sites, fishponds, and sand beaches, when such resources will be unavoidably damaged by development; or requiring reasonable monetary compensation to the State for recreation when replacement is not feasible or desirable;

(iii) Providing and managing adequate public access, consistent with conservation of natural resources, to and along shorelines with recreational value;

(iv) Providing an adequate supply of shoreline parks and other recreational facilities suitable for public recreation;

(v) Ensuring public recreational uses of county, state, and federally owned or controlled shoreline lands and waters having recreational value consistent with public safety standards and conservation of natural resources;

(vi) Adopting water quality standards and regulating point and nonpoint sources of pollution to protect, and where feasible, restore the recreational value of coastal waters;

(vii) Developing new shoreline recreational opportunities, where appropriate, such as artificial lagoons, artificial beaches, and artificial reefs for surfing and fishing; and

(viii) Encouraging reasonable dedication of shoreline areas with recreational value for public use as part of discretionary approvals or permits by the land use commission, board of land and natural resources, and county authorities; and crediting such dedication against the requirements of section 46-6.

The project area is not located near the shoreline. In terms of water quality standards and nonpoint source pollution, the project will comply with State and Federal regulations to protect the region's water resources. Stormwater runoff mitigation measures will also be adopted in the project.

2. Historic resources

Objective: Protect, preserve, and, where desirable, restore those natural and manmade historic and prehistoric resources in the coastal zone management area that are significant in Hawaiian and American history and culture.

Policies: (A) Identify and analyze significant archaeological resources;

(B) Maximize information retention through preservation of remains and artifacts or salvage operations; and

(C) Support state goals for protection, restoration, interpretation, and display of historic resources.

Several archaeological surveys were undertaken in the area. A burial area has been identified nearby, and the sand berm in which this burial site is located will be monitored by an archaeologist during excavation work for the park for additional human remains or other archaeological artifacts.

In accordance with HRS, Chapter 6E, and the requirements of the State Historic Preservation Division (SHPD) of the DLNR, should any historic resources, including human skeletal and significant cultural remains, be identified during project activities: (1) Work will cease in the

immediate vicinity of the find; (2) The find will be protected from any additional disturbance; and (3) The SHPD will be contacted immediately for further instructions including the conditions under which project activities may resume.

3. Scenic and open space resources

Objective: Protect, preserve, and, where desirable, restore or improve the quality of coastal scenic and open space resources.

Policies: (A) Identify valued scenic resources in the coastal zone management area;

(B) Ensure that new developments are compatible with their visual environment by designing and locating such developments to minimize the alteration of natural land forms and existing public views to and along the shoreline;

(C) Preserve, maintain, and, where desirable, improve and restore shoreline open space and scenic resources; and

(D) Encourage those developments that are not coastal dependent to locate in inland areas.

The project area is not located in a scenic coastal area or in an SMA. Its development will not affect views to Haleakalā or Mount Kahalawai.

4. Coastal ecosystems

Objective: Protect valuable coastal ecosystems, including reefs, from disruption and minimize adverse impacts on all coastal ecosystems.

Policies: (A) Exercise an overall conservation ethic, and practice stewardship in the protection, use, and development of marine and coastal resources;

(B) Improve the technical basis for natural resource management;

(C) Preserve valuable coastal ecosystems, including reefs, of significant biological or economic importance;

(D) Minimize disruption or degradation of coastal water ecosystems by effective regulation of stream diversions, channelization, and similar land and water uses, recognizing competing water needs; and

(E) Promote water quantity and quality planning and management practices that reflect the tolerance of fresh water and marine ecosystems and maintain and enhance water quality through the development and implementation of point and nonpoint source water pollution control measures.

The project area could be served by water from a number of possible potable water sources. In the northeastern corner of the property, a stormwater retention basin will store stormwater and help to mitigate sediment loads in runoff from the Wai‘ale development to the south.

5. Economic uses

Objective: Provide public or private facilities and improvements important to the State's economy in suitable locations.

Policies: (A) Concentrate coastal dependent development in appropriate areas;

(B) Ensure that coastal dependent development such as harbors and ports, and coastal related development such as visitor industry facilities and energy generating facilities, are located, designed, and constructed to minimize adverse social, visual, and environmental impacts in the coastal zone management area; and

(C) Direct the location and expansion of coastal dependent developments to areas presently designated and used for such developments and permit reasonable long-term growth at such areas, and permit coastal dependent development outside of presently designated areas when:

- (i) Use of presently designated locations is not feasible;*
- (ii) Adverse environmental effects are minimized; and*
- (iii) The development is important to the State's economy.*

The project area is not a coastal development, is not located near the shoreline and is not in an SMA.

6. Coastal hazards

Objective: Reduce hazard to life and property from tsunamis, storm waves, stream flooding, erosion, subsidence, and pollution.

Policies: (A) Develop and communicate adequate information about storm wave, tsunami, flood, erosion, subsidence, and point and nonpoint source pollution hazards;

(B) Control development in areas subject to storm wave, tsunami, flood, erosion, hurricane, wind, subsidence, and point and nonpoint source pollution hazards;

(C) Ensure that developments comply with requirements of the Federal Flood Insurance Program; and

(D) Prevent coastal flooding from inland projects.

According to the FIRM, the project area lies in Zone X, outside both the 100- and 500-year floodplains. The project area is not in the tsunami evacuation zone. Potential damage from earthquakes and hurricanes will be mitigated in the structures which will be built according to the County Building Code.

7. Managing development

Objective: Improve the development review process, communication, and public participation in the management of coastal resources and hazards.

Policies: (A) Use, implement, and enforce existing law effectively to the maximum extent possible in managing present and future coastal zone development;

(B) Facilitate timely processing of applications for development permits and resolve overlapping or conflicting permit requirements; and

(C) Communicate the potential short and long-term impacts of proposed significant coastal developments early in their life cycle and in terms understandable to the public to facilitate public participation in the planning and review process.

The project area is not located on the coast. However, project representatives have made an effort since 2005 to meet with community individuals, organizations and governmental agencies and involve them in the development process.

8. Public participation;

Objective: Stimulate public awareness, education, and participation in coastal management.

Policies: (A) Promote public involvement in coastal zone management processes;

(B) Disseminate information on coastal management issues by means of educational materials, published reports, staff contact, and public workshops for persons and organizations concerned with coastal issues, developments, and government activities; and

(C) Organize workshops, policy dialogues, and site-specific mitigation to respond to coastal issues and conflicts.

The project representatives have involved nearby organizations and groups in the development of the project. Public comments will be welcomed in response to this EA and taken into consideration.

9. Beach protection;

Objective: Protect beaches for public use and recreation.

Policies: (A) Locate new structures inland from the shoreline setback to conserve open space, minimize interference with natural shoreline processes, and minimize loss of improvements due to erosion;

(B) Prohibit construction of private erosion-protection structures seaward of the shoreline, except when they result in improved aesthetic and engineering solutions to erosion at the sites and do not interfere with existing recreational and waterline activities; and

(C) Minimize the construction of public erosion-protection structures seaward of the shoreline.

The project area is not a coastal development, is not located near the shoreline and is not in an SMA.

10. Marine resources

Objective: Promote the protection, use, and development of marine and coastal resources to assure their sustainability.

Policies: (A) Ensure that the use and development of marine and coastal resources are ecologically and environmentally sound and economically beneficial;

(B) Coordinate the management of marine and coastal resources and activities to improve effectiveness and efficiency;

(C) Assert and articulate the interests of the State as a partner with federal agencies in the sound management of ocean resources within the United States exclusive economic zone;

(D) Promote research, study, and understanding of ocean processes, marine life, and other ocean resources in order to acquire and inventory information necessary to understand how ocean development activities relate to and impact upon ocean and coastal resources; and

(E) Encourage research and development of new, innovative technologies for exploring, using, or protecting marine and coastal resources.

The project area is not a coastal development, is not located near the shoreline and is not in an SMA.

7.5 Special Management Area (SMA) Rules and Regulations

SMA areas are designated sensitive environments that are to be protected in accordance with the State's Coastal Zone Management policies, as set forth in the Hawai'i Coastal Zone Law, Section 205A, HRS. The project area is not located within the SMA as designated by the County of Maui.

7.6 County of Maui General Plan

The County of Maui adopted a *Countywide Policy Plan* in March 2010. The Plan includes broad goals and more specific goals and objectives. Generally, the project supports the goals set forth in the Plan (PBR Hawai'i & Associates 2011).

7.7 County of Maui Zoning

Since the project currently lies in an Agricultural zoned area, a Project District Phase 1/Change in Zoning will be sought by the landowner or the developer to redesignate the area as a Project District. A request for an amendment to the Community Plan will also be filed.

7.8 FAA Advisory Circular 150/5200-33B

According to Federal Aviation Administration (FAA) Advisory Circular 150/5200-33B, Hazardous Wildlife Attractants On or Near Airports, the FAA recommends a distance of five (5) statute miles between the airfields's air operations area (AOA) and any land use activity, which could potentially attract hazardous wildlife that may impact aircraft operations at the airfield. The subject project is within five (5) miles from Kahului Airport. DLNR should be advised that Section 2-6 in the Advisory Circular discusses agricultural activities which could attract wildlife activity.

The detention basin proposed is with the 5-mile threshold prescribed by the FAA Advisory Circular, however, the design capacity of the facility will incorporate provision for the water to percolate out of the detention basin with 48-hours.

8.0 Permits and Approvals That May Be Required

8.1 County of Maui Department of Public Works

- Building Permit
- Grading and Grubbing
- Drainage Approval
- Special Use Permit

8.2 State of Hawai'i

Department of Health

- National Pollutant Discharge Elimination System Permit

Department of Land and Natural Resources (Chapter 343, HRS, Documentation)

- Finding of No Significant Impact (FONSI)

Office of Planning

- Coastal Zone Management Federal Consistency Review

8.3 Federal

Federal Aviation Authority

- FAA Form 7460-1 Notice of Proposed Construction or Alteration
- FAA Advisory Circular 150/5200-33B

9.0 Agencies, Organizations and Individuals Consulted for the Environmental Assessment

Agencies, Organizations and Individuals commenting on the Draft EA are marked by an asterisk (*)

9.1 County of Maui

Civil Defense Agency
County Council
Department of Environmental Management
Department of Fire and Public Safety
*Department of Housing and Human Concerns
* Department of Parks and Recreation
Department of Planning
*Department of Public Works
Department of Transportation
*Department of Water Supply
*Police Department
Office of the Mayor
Office of Economic Development

9.2 State of Hawai'i

*Department of Accounting and General Services
Department of Agriculture
*Department of Business, Economic Development and Tourism (DBEDT)
Department of Defense
*Department of Education
Department of Hawaiian Home Lands
*Department of Health
Department of Human Services
*Department of Labor and Industrial Relations
*Department of Land and Natural Resources (DLNR)
*Department of Transportation
*Hawai'i Housing Finance and Development Corporation
Land Use Commission
Office of Hawaiian Affairs
University of Hawai'i Environmental Center
State Representative Kaniela Ing
State Representative Gilbert Keith-Agaran
State Representative Joseph Souki
The Honorable Shan Tsutsui, Lieutenant Governor

9.3 Federal Government

Department of the Army, U. S. Army Corps of Engineers

*U.S. Fish and Wildlife Service

U.S. Department of Agriculture, Natural Resources Conservation Service

9.4 Organizations and Individuals

Hawaiian Telcom

Honolulu Star-Advertiser

Maui Electric Company, Ltd.

Maui/Lana'i Islands Burial Council

Maui Lani Development

Maui News

Maui Tomorrow Foundation, Inc.

Oceanic Time Warner Cable of Hawai'i

Sierra Club Maui Group

Waikapū Community Association

Pomaika'i Elementary School

Wailuku Public Library

Kahului Public Library

Community Members Clare Apana and Hōkūao Pellegrino

10.0 Summary of Impacts and Significance Determination

In accordance with the content requirements of Chapter 343, Hawai'i Revised Statutes (HRS), and the significance criteria in Section 11-200-12 of Title 11, Chapter 200, Hawai'i Administrative Rules (HAR), an applicant or agency must determine whether an action may have significant impacts 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 establish "Significance Criteria" to be applied as a basis for identifying whether significant environmental impacts will occur. According to the Rules, an action shall be determined to have a significant impact on the environment if it meets any one of the following criteria.

10.1 Short-Term Impacts

The potential for short-term impacts resulting from the proposed action include:

- During the construction of the park, considerable noise and disruption may occur in the area due to construction equipment and the movement of materials.
- During the installation of fencing and sports field equipment, noise may occur in the area.
- During the construction of the access road for the district park, road equipment may disrupt traffic in the area.

These potential short-term impacts are not anticipated to result in secondary or cumulative impacts beyond the planned temporary period of use of the right-of-way for construction activities. All anticipated short-term impacts would be addressed through the use of appropriate mitigation and other measures and practices to minimize adverse effects.

10.2 Long-Term Impacts

The construction of the proposed park will not have a significant impact on the surrounding climatic conditions, water or air quality, biological resources since the currently vacant area will be replaced with a landscaped park and comfort stations. To a large extent, the space will remain open with permeable ground cover. To ensure protection for historic and archaeological resources and the cultural heritage of the area, an archaeologist will monitor the excavation of the project area.

10.3 Significance Criteria Evaluation

1. *Involves an irrevocable commitment to loss or destruction of natural or cultural resources;*

The proposed project is not expected to adversely impact natural or cultural resources.

2. *Curtails the range of beneficial uses of the environment;*

The proposed project will not result in the curtailment of the range of beneficial uses of the environment.

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 consistent with the environmental policies, goals and guidelines expressed in Chapter 343 and 344, HRS. Potential sources of adverse impacts have been identified and appropriate measures have been developed to either mitigate or minimize potential impacts to negligible levels.

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

The potential for adverse effects to the economic or social welfare of the community or state is negligible. The proposed project will allow the general public, regardless of their socio-economic background, to enjoy recreational opportunities at the regional park.

5. *Substantially affects public health;*

During project construction activities, there will be the potential for minor impacts to air quality and noise levels which will be addressed through the application of appropriate mitigation measures as described in this EA. No substantial adverse impacts to public health are anticipated.

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

The potential for adverse effects to public facilities is negligible.

7. *Involves substantial degradation of environmental quality;*

There will be no significant nor substantial degradation of environmental quality based on the limited scope and scale of the proposed action, which entails the construction of comfort stations and sports fields. Most of the park will be landscaped and remain as green, open space. No adverse effects are therefore anticipated or expected.

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

The proposed project does not commit resources or energy for a larger action. There are no future phases of development and there is no commitment to a larger action. There are also no cumulative effects on ecosystem resources or human communities based on the project's limited scope and scale.

9. Substantially affects any rare, threatened or endangered species or its habitat;

The area does not lie in the critical habitat of any known endangered species. The project area has been associated with the habitat of the endemic, endangered Blackburn's sphinx moth and a protection plan will be drafted by the DLNR.

10. Detrimentially affects air or water quality or ambient noise levels;

As required, any potential impacts to air, water quality, or noise levels will be addressed through the implementation of appropriate mitigation measures described in this document.

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;

The project is not located in the 100-year or 500-year floodplain, the tsunami evacuation zone, near a beach or erosion-prone area or a geologically hazardous area, and is not adjacent to any water body.

12. Substantially affects scenic vistas and view planes identified in county or state plans or studies;

The project development will change the area's aesthetic environment by adding irrigated landscaping, parking lots and clearly delineated sports fields. However, this will not obstruct views to Haleakalā, Waikapū Valley or Mauna Kahalawai since the area lies lower than nearby Honoapi'ilani Highway.

13. Requires substantial energy consumption.

The facilities identified in this project will not consume a substantial amount of energy. Construction activities will result in a short-term increase in power demand, but the increase will be of short duration and will cease upon project completion.

10.4 Preliminary Determination

Based on the above evaluation and the information contained in this Final Environmental Assessment, it is preliminarily determined that an Environmental Impact Statement (EIS) is not anticipated to be required and that a recommended Finding of No Significant Impact (FONSI) will be published for this project.

11.0 References

- (Austin, Tsutsumi & Associates, Inc. 2011) Traffic Impact Analysis Report, Wai'ale Development, Wailuku, Maui, Hawaii. Honolulu, Hawai'i.
- Hawai'i Coastal Zone Management Act, Hawai'i Statutes § 205A.
- (Hawai'i State LUC 2012) Hawai'i State Land Use Commission Docket A10-789, 2012.
- Hawai'i State Planning Act, Hawai'i Statutes § 226.
- (PBR Hawai'i & Associates 2011) Wai'ale Final Environmental Impact Statement. Volume 1 and 2. October 2011.
- (R. M. Towill Corporation 2007) R.M. Towill Corporation. Public Facilities Assessment Update, County of Maui. March 9, 2007.
- (Scientific Consultant Services, Inc. 2010) An Archeological Inventory Survey of Approximately 607-Acres of Land in Wai'ale, Wailuku and Waikapū Ahupua'a, Wailuku District, Island of Maui, Hawai'i [TMK: (2) 3-8-005:023 (Por.), 37 and (2) 3-8-007: 71, 101, 102, 104]. Honolulu, Hawai'i.
- (State of Hawai'i) State of Hawai'i, Department of Agriculture. 1977. Agricultural Lands of Importance to the State of Hawai'i. Honolulu, Hawai'i.
- (U.S. Census 2010) U.S. Census Bureau, 2010 Census.
- (U.S. Department of Agriculture 1972) Soil Survey of Islands of Kaua'i, O'ahu, Maui, Moloka'i, and Lāna'i, State of Hawai'i. U.S. Department of Agriculture, Soil Conservation Service and University of Hawai'i Agriculture Experiment Station, Washington, D. C.

Appendix

Comments Received on the Draft EA and Responses to the Comments



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:
2013-TA-0217

APR 22 2013

Department of Lands and Natural Resources
Engineering Division
Attention: Carty Chang
151 Punchbowl Street, Room 221
Honolulu, Hawaii 96813

Subject: Comments on the Draft Environmental Assessment for the proposed Central Maui Regional Park, Maui

Dear Mr. Chang:

Thank you for your letter dated March 25, 2013, requesting our comments on the draft environmental assessment (DEA) for the Central Maui Regional Park. We reviewed the proposed project pursuant to the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 *et seq.*) and the Migratory Bird Treaty Act (16 U.S.C. 703-712). Our databases, including data compiled by the Hawaii Biodiversity and Mapping Program, indicate the project site is not near proposed or designated critical habitat. However, the following threatened and endangered species may be in the vicinity of the proposed project site: Hawaiian hoary bat (*Lasiurus cinereus semotus*), Blackburn's sphinx moth (*Manduca blackburni*), Newell's shearwater (*Puffinus auricularis newelli*), Hawaiian petrel (*Pterodroma sandwichensis*), Hawaiian goose (*Branta sandvicensis*), Hawaiian stilt (*Himantopus mexicanus knudseni*) and Hawaiian coot (*Fulica alai*).

To help you minimize potential impacts to listed species, we are providing you the following avoidance and minimization measures. Please note that implementation of these measures does not ensure that impacts to listed species can be avoided, and further coordination with our office on compliance with the ESA may be required.

Hawaiian hoary bat

Hawaiian hoary bats may be found throughout the island of Maui. Hawaiian hoary bats roost in exotic and native woody vegetation at heights greater than 15 feet. If trees or shrubs suitable for bat roosting are cleared during the bat breeding season, there is a risk that breeding bats could inadvertently be harmed or killed. Young bats, which are incapable of flight, are particularly vulnerable during the bat-birthing and pup-rearing season (June 1 through September 15). To minimize potential impacts to the Hawaiian hoary bat, woody plants greater than 15 feet tall

TAKE PRIDE[®]
IN AMERICA 

13 APR 2013 10:52 AM HST

should not be removed or trimmed between June 1 and September 15 throughout the development and ongoing operation of the proposed project.

Blackburn's sphinx moth

The DEA states that the Blackburn's sphinx moth was seen in the project area. In order to determine if the proposed project will adversely affect Blackburn's sphinx moth, comprehensive surveys should be conducted at the project site. Adult moths feed on nectar from native plants, including beach morning glory (*Ipomoea pes-caprae*), iliee (*Plumbago zeylanica*), and maiapilo (*Capparis sandwichiana*); larvae feed upon non-native tree tobacco (*Nicotiana glauca*) and native aiea (*Nothocestrum latifolium*). Blackburn's sphinx moth pupae may occupy the soil within 250 feet of larval host plants for up to a year. The Service recommends that a qualified biologist survey the project area for the presence of native and non-native Blackburn's sphinx moth host plants. It is also recommended that these surveys be conducted during the wettest portion of the year (usually November-April) and approximately four to eight weeks following a significant rainfall event. Surveys should include looking for eggs, larvae, and signs of larval feeding (chewed stems, frass, or leaf damage). If presence of the Blackburn's sphinx moth is confirmed at the project site, the Service should be contacted for further guidance

Hawaiian petrel and Newell's shearwater

Hawaiian petrels and Newell's shearwaters (collectively known as seabirds) may traverse the project area at night during the breeding season. Outdoor lighting at this project site could result in seabird disorientation, fallout, and injury or mortality. The seabirds are attracted to lights and after circling the lights they may collide with nearby wires, buildings, or other structures or they may land on the ground due to exhaustion. Downed seabirds are subject to increased mortality due to collision with automobiles, starvation, and predation by dogs, cats, and other predators. Young birds (fledglings) traversing the project area between September 15 and December 15, in their first flights from their mountain nests to the sea, are particularly vulnerable.

To minimize potential project impacts to seabirds during their breeding season, all outdoor lights should be fully shielded so the bulb can only be seen from below bulb height and only used when necessary. Automatic motion sensor switches and controls should be installed on all outdoor lights and/or lights should be turned off when human activity is not occurring in the lighted area. Any increase in night-time lighting, particularly during each year's peak fallout period (September 15 through December 15), could result in seabird injury or mortality. Nighttime construction should be avoided during the seabird fledging period, September 15 through December 15. If nighttime construction occurs during other times of year, all lighting should be shielded and directed toward the ground to avoid attracting adult seabirds as they travel from the ocean to their breeding areas.

Hawaiian goose

The proposed project would construct large grass fields that may attract Hawaiian geese to the site. Hawaiian geese that are attracted to the park fields may be adversely affected by park activities, pets, or non-native predators. We recommend you work with our office during project planning so that we may assist you in developing measures to avoid impacts to Hawaiian geese from creation of the Central Maui Regional Park.

Hawaiian stilt and Hawaiian coot

The proposed project would construct a stormwater retention basin, and therefore may attract Hawaiian stilts and Hawaiian coots (collectively known as waterbirds) to the site. In particular, the Hawaiian stilt is known to nest in sub-optimal locations (e.g., any ponding water) if water is present. Hawaiian waterbirds attracted to sub-optimal habitat may suffer adverse impacts, such as predation and reduced reproductive success, and thus the project may create an attractive nuisance. Therefore, we recommend you work with our office during project planning so that we may assist you in developing measures to avoid impacts to listed waterbirds (e.g., fencing, vegetation control, predator management) from creation of the stormwater retention basin.

Additional guidance

Hawaii's native ecosystems are heavily impacted by exotic invasive plants. Whenever possible we recommend using native plants for landscaping purposes. If native plants do not meet the landscaping objectives, we recommend choosing species that are thought to have a low risk of becoming invasive. The following websites are good resources to use when choosing landscaping plants: Pacific Island Ecosystems at Risk (<http://www.hear.org/Pier/>), Hawaii-Pacific Weed Risk Assessment (http://www.botany.hawaii.edu/faculty/daehler/wra/full_table.asp) and Global Compendium of Weeds (www.hear.org/gcw).

In addition, to minimize potential adverse impacts to listed wildlife, we suggest that free movements of pets (i.e., dogs off leash) be prohibited on the property. Furthermore, educational signs should be used to inform path users of leash laws and the presence of sensitive species. We also recommend the use of sturdy animal-proof garbage containers to reduce the attraction of the area to non-native and feral species, such as house mice, rats, and feral cats.

If it is determined that the proposed project may affect federally listed species, we recommend you contact our office early in the planning process so that we may assist you with the ESA compliance. If the proposed project is funded, authorized, or permitted by a Federal agency, then that agency should consult with us pursuant to section 7(a)(2) of the ESA. If no Federal agency is involved with the proposed project, the applicant should apply for an incidental take permit under section 10(a)(1)(B) of the ESA. A section 10 permit application must include a habitat conservation plan that identifies the effects of the action on listed species and their habitats, and defines measures to minimize and mitigate those adverse effects.

If you have questions regarding these comments, please contact Rachel Rounds, Fish and Wildlife Biologist, (phone: 808-792-9400, email: Rachel_Rounds@fws.gov).

Sincerely,



LM Loyal Mehrhoff
Field Supervisor

cc: Lasha-Lynn Salbosa, Hawaii Department of Forestry and Wildlife

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

Mr. Loyal Mehrhoff, Director
Fish and Wildlife Service
300 Ala Moana Boulevard, Room 3-122
Honolulu, Hawai'i 96850

Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Dear Mr. Mehrhoff:

Thank you for your letter of April 22, 2013 commenting on the subject project. We are providing the following in response to your comments:

1. *The following threatened and endangered species may be in the vicinity of the proposed project site: Hawaiian hoary bat (Lasiurus cinereus semotus), Blackburn's sphinx moth (Manduca blackburni), Newell's shearwater (Puffinus auricularis newelli), Hawaiian petrel (Pterodroma sandwichensis), Hawaiian goose (Branta sandvicensis), Hawaiian stilt (Himantopus mexicanus knudseni) and Hawaiian coot (Fulica alai).*

Response: We note that the above named species may be located in the vicinity of the project sites. During site visits conducted, none of the threatened or endangered species were observed.

2. Proposed avoidance and minimization measures

Hawaiian hoary bat

Hawaiian hoary bats may be found throughout the island of Maui. Hawaiian hoary bats roost in exotic and native woody vegetation at heights greater than 15 feet. If trees or shrubs suitable for bat roosting are cleared during the bat breeding season, there is a risk that breeding bats could inadvertently be harmed or killed. Young bats, which are incapable of flight, are particularly vulnerable during the bat-birthing and pup-rearing season (June 1 through September 15). To minimize potential impacts to the Hawaiian hoary bat, woody plants greater than 15 feet tall should not be removed or trimmed between June 1 and September 15 throughout the development and ongoing operation of the proposed project.

Response: The project site was previously used for sugarcane cultivation, is generally devoid of trees, and consists of low shrubs and introduced grasses. We will make note of the birthing and pup-rearing period and avoid activities that may harm the bats.

Blackburn's sphinx moth

The DEA states that the Blackburn's sphinx moth was seen in the project area. In order to determine if the proposed project will adversely affect Blackburn's sphinx moth, comprehensive surveys should be conducted at the project site. Adult moths feed on nectar from native plants, including beach morning glory (Ipomoea pes-caprae), iliee (Plumbago zeylanica), and maiapilo (Capparis sandwichiana); larvae feed upon non-native tree tobacco (Nicotiana glauca) and native Aiea (Nothocestrum latifolium). Blackburn's sphinx moth pupae may occupy the soil within 250 feet of larval host plants for up to a year. The Service recommends that a qualified biologist survey the project area for the presence of native and non-native Blackburn's sphinx moth host plants. It is also recommended that these surveys be conducted during the wettest portion of the year (usually November-April) and approximately four to eight weeks following a significant rainfall event. Surveys should include looking for eggs, larvae, and signs of larval feeding (chewed stems, frass, or leaf damage). If presence of the Blackburn's sphinx moth is confirmed at the project site, the Service should be contacted for further guidance.

Response: Prior to the start of construction, another survey will be undertaken to ascertain if the Blackburn sphinx moth occupies this niche.

Hawaiian petrel and Newell's shearwater

Hawaiian petrels and Newell's shearwaters (collectively known as seabirds) may traverse the project area at night during the breeding season. Outdoor lighting at this project site could result in seabird disorientation, fallout, and injury or mortality. The seabirds are attracted to lights and after circling the lights they may collide with nearby wires, buildings, or other structures or they may land on the ground due to exhaustion. Downed seabirds are subject to increased mortality due to collision with automobiles, starvation, and predation by dogs, cats, and other predators. Young birds (fledglings) traversing the project area between September 15 and December 15, in their first flights from their mountain nests to the sea, are particularly vulnerable. To minimize potential project impacts to seabirds during their breeding season, all outdoor lights should be fully shielded so the bulb can only be seen from below bulb height and only used when necessary. Automatic motion sensor switches and controls should be installed on all outdoor lights and/or lights should be turned off when human activity is not occurring in the lighted area. Any increase in night-time lighting, particularly during each year's peak fallout period (September 15 through December 15), could result in seabird injury or mortality. Nighttime construction should be avoided during the seabird fledging period, September 15 through December 15. If nighttime construction occurs during other times of year, all lighting should be shielded and directed toward the ground to avoid attracting adult seabirds as they travel from the ocean to their breeding areas.

Response: Lighting of the fields is contemplated for this project. To mitigate potential lighting effects, the light fixtures will be shielded. At this time, no night-time work is anticipated.

Hawaiian goose

The proposed project would construct large grass fields that may attract Hawaiian geese to the site. Hawaiian geese that are attracted to the park fields may be adversely affected by park activities, pets, or non-native predators. We recommend you work with our office during project planning so that we may assist you in developing measures to avoid impacts to Hawaiian geese from creation of the Central Maui Regional Park.

Response: Thank you for the information regarding the potential impact to the Hawaiian goose. We will work with your office in developing avoidance measures to the Hawaiian goose and will advise County personnel of these measures.

Hawaiian stilt and Hawaiian coot

The proposed project would construct a storm water retention basin, and therefore may attract Hawaiian stilts and Hawaiian coots (collectively known as waterbirds) to the site. In particular, the Hawaiian stilt is known to nest in sub-optimal locations (e.g., any ponding water) if water is present. Hawaiian waterbirds attracted to sub-optimal habitat may suffer adverse impacts, such as predation and reduced reproductive success, and thus the project may create an attractive nuisance. Therefore, we recommend you work with our office during project planning so that we may assist you in developing measures to avoid impacts to listed waterbirds (e.g., fencing, vegetation control, predator management) from creation of the stormwater retention basin.

Response: We acknowledge that the storm water retention basin may attract water birds. However, the system is designed to dissipate the water quickly in the sandy soil.

Additional guidance

Hawaii's native ecosystems are heavily impacted by exotic invasive plants. Whenever possible we recommend using native plants for landscaping purposes. If native plants do not meet the landscaping objectives, we recommend choosing species that are thought to have a low risk of becoming invasive. The following websites are good resources to use when choosing landscaping plants: Pacific Island Ecosystems at Risk (<http://www.hear.org/Pier/>), Hawai'i Pacific Weed Risk Assessment (http://www.botany.hawaii.edu/faculty/daehler/wra/full_table.asp) and Global Compendium of Weeds (www.hear.org/gcw).

Response: The play fields that are planned will be planted with turf grasses. Trees, shrubs, and other ground cover will be native species, as appropriate.

In addition, to minimize potential adverse impacts to listed wildlife, we suggest that free movements of pets (i.e., dogs off leash) be prohibited on the property. Furthermore, educational signs should be used to inform path users of leash laws and the presence of sensitive species. We also recommend the use of sturdy animal-proof garbage containers to reduce the attraction of the area to non-native and feral species, such as house mice, rats, and feral cats. If it is determined that the proposed project may affect federally listed species, we recommend you contact our office early in the planning process so that we may assist you with the ESA compliance. If the proposed project is funded, authorized, or permitted by a Federal agency, then that agency should consult with us pursuant to section 7(a)(2) of the ESA. If no Federal agency is involved with the proposed project, the applicant should apply for an incidental take permit under section 10(a)(1)(B) of the ESA. A section 10 permit application must include a habitat

conservation plan that identifies the effects of the action on listed species and their habitats, and defines measures to minimize and mitigate those adverse effects.

Response: The County of Maui has a "leash law" and notice will be posted. The subject project is not federally funded.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang at 587-0230, if you have additional comments.

Sincerely,



WILLIAM J. AILA, JR.
Chairperson

Chester Koga

From: Carty.S.Chang@hawaii.gov
Sent: Monday, April 01, 2013 9:42 AM
To: Chester Koga
Cc: Collins Lam; Gordon Ring; Russell Chung; Russell.P.Kumabe@hawaii.gov; Stephen.D.Souares@hawaii.gov; Roger.H.Masuoka@hawaii.gov; Brandon.J.Kim@hawaii.gov; Alyson.K.Yim@hawaii.gov; Ross.Tsukenjo@hawaii.gov; Dan.Quinn@hawaii.gov
Subject: Fw: Central Maui Regional Park Meeting at Pomaikai 03/28/13

Comments received from Tapani Vuori on 3/28/13

Carty Chang, P.E.
Chief Engineer
Department of Land and Natural Resources
Engineering Division
Phone: (808) 587-0230, Fax: (808) 587-0283
Email: carty.s.chang@hawaii.gov

----- Forwarded by Carty S Chang/DLNR/StateHiUS on 04/01/2013 09:39 AM -----

From: "Vuoret" <tvuori@hawaii.rr.com>
To: <carty.s.chang@hawaii.gov>,
Date: 03/28/2013 09:01 PM
Subject: Central Maui Regional Park Meeting at Pomaikai 03/28/13

Dear Ms. Chang,

Thank you very much for informative session this evening; as a resident of Maui, and specifically Maui Lani, it is gratifying to see proactive communication from our Government. Couple thoughts for your consideration:

- If at all possible it would be great to have a dog park incorporated into the Master Plan for the area. There are quite a lot of dog owners in the area, us being one of them, and even though a new dog park recently opened in Kahului it would be really nice to have one in our Neighborhood. That would also help create more of a mix of users for the proposed area
- Have you considered incorporating more bike paths into the Master Plan? Make the neighborhoods friendlier towards other activities and mode of transportation such as bicycling. Not everyone will have to or will want to use a car to get to the Park
- Have you considered integrating public transportation (Maui Bus) hub into the area in order to encourage alternative ways to travel to and from the Park? Maui Lani seems to have been by passed when planning the bus routes
- Please leave enough open space for activities such as kite flying, etc. or for the sake of just having open space
- Community garden?

Thank you again for your proactive communication.

Aloha,

Tapani Vuori
106 Papahi Loop
Kahului, HI 96732

tel. 808-873-0802
cel. 808-561-2022

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

Mr. Tapani Vuori
106 Papahi Loop
Kahului, Hawai'i 96732

Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Dear Mr. Vuori:

Thank you for your comments of March 28, 2013 on the subject project. We offer the following in response to your comments.

- *If at all possible it would be great to have a dog park incorporated into the Master Plan for the area. There are quite a lot of dog owners in the area, us being one of them, and even though a new dog park recently opened in Kahului it would be really nice to have one in our Neighborhood. That would also help create more of a mix of users for the proposed area.*

Response: A separate and properly developed dog park is not in the current plan.

- *Have you considered incorporating more bike paths into the Master Plan? Make the neighborhoods friendlier towards other activities and mode of transportation such as bicycling. Not everyone will have to or will want to use a car to get to the Park.*

Response: Facilities for bikes and pedestrians will be incorporated into the plan.

- *Have you considered integrating public transportation (Maui Bus) hub into the area in order to encourage alternative ways to travel to and from the Park? Maui Lani seems to have been by passed when planning the bus routes.*

Response: Admittedly, the Maui Bus, or a bus stop is currently in part of the plan. We will pass this information on the County of Maui to coordinate.

- *Please leave enough open space for activities such as kite flying, etc. or for the sake of just having open space Community garden?*

Response: There will be sufficient open space at the park for kite flying, however, not a community garden.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang in Honolulu at (808) 587-0230, if you have additional comments.

Sincerely,



WILLIAM J. AILA, JR.
Chairperson

*13 APR 02 PM 02:54 ENGINEERING

To: Carty Chang, Department of Land and Natural Resources Engineering Division
Chester Koga, R.M. Towill Corporation
Hawaii State Senator, Keith Gagarin
Maui Lani Home Owners Association
Pomaika'i Elementary School

From: Mary L. Spencer, Ph.D., Resident, Na Hoku Neighborhood



Re: Draft Environmental Assessment Comments: Central Maui Regional Park

Date: 3/29/13

I attended the public meeting last night at Pomaika'i Elementary School regarding the Central Maui Regional Park (CMRP). Please consider my comments below.

Traffic

Description of Impacts. The current traffic design, as explained last night, will induce severe negative impacts on homeowners in Na Hoku and Traditions residential areas and the Pomaika'i Elementary School. Even without the development of the CMRP, traffic on Kamehameha Avenue, between the school and Maui Lani Parkway, is grid locked and frantic two to three times a day. It spills over significantly into the adjacent neighborhood streets, with cars blocking resident driveways or cars even parking in resident driveways, and on the grass. At times the congestion stimulates reckless driving that endangers children's lives. This traffic gridlock, congestion, and neighborhood impact should not be confused with the need for a traffic light at the Maui Lani Parkway and Kamehameha Avenue intersection. While possibly needed, the light will not diminish the impact of a vehicle load that surpasses the carrying capacity of the residential area.

With the addition of more than 600 cars (based on the 600 parking stalls and areas for overflow parking cited for the CMRP plan in the comments made and handout provided last night) I envision intense traffic burden migrating throughout the Na Hoku neighborhood, seeking alternative paths for reaching or leaving the park area on game days/nights.

Traffic congestion of this magnitude in our neighborhood will negatively impact our piece of mind and ability to enjoy our home and yard. Moreover, I fear it will have a severe negative impact on the value of our home, our biggest lifetime investment.

Recommendation. I recommend that the end of Kamehameha Avenue near Pomaika'i Elementary School NOT be opened. The appropriate alternative is to either accelerate the opening of the street above the planned parks or synchronize park development with the availability of that road. A comprehensive traffic plan should be developed that considers traffic during both the construction phase and the operational stage.

Costs

Description of concern. It was clear from the meeting last night that there has been no financial planning for the operation and maintenance of the CMRP project. How many people will be hired to operate and maintain it? What will the personnel budget be over a period of years (as salaries, benefits, and retirement funding increase)? What equipment and vehicles will have to be purchased and maintained, and at what cost? What will the annual supply, insurance, etc. budget be? Which public funding sources will pay for these expenses (state, federal, local)? What are the tradeoffs; e.g., bus transportation for school children, libraries, road repair, continuing operation and maintenance of other recreational facilities? What are the funding realities during these post-sequestration times?

Recommendation. Provide the public with long term financial planning for our community that provides comprehensive and long-term cost estimates for operating and maintaining the CMRP, and provides a fair picture of the tradeoffs. Then allow the community to weigh in on their priorities for the use of funds.

Needs Assessment

Description of concern. The design presented appeared to be a very intensive land use concept. It has great appeal to those dedicated to team sports, but there was no balance or attention to any other leisure, preventative health, community center, or family focused activities. The design calls for intensive night lighting at the playing fields that is well known to be disturbing to nearby home owners. There need to be some compromises here to prevent loss of home values in the Traditions and Na Hoku neighborhoods, and to preserve the quality of life of these home owners. Overall, I think the design as presented last night is too impactful for a residential neighborhood. With the plans expressed last night for state sports competitions, frequent night games, development as a tourism magnet, it is better suited to a commercial or recreational district. No information was presented that indicates that a needs assessment of the surrounding neighborhoods has been made.

Recommendation. Has a needs assessment of the community affected been conducted? If so, please make the report available. If so, does it need to be updated since there are many new residents now in the neighborhoods that will be most affected? Of all of the options for land use and use of scarce public funds for the long term operation of facilities in this location, is this all that the majority of people want? Last night, one person asked about bike and walking trails and a plan to discourage vehicle use. One person asked about consideration of a community center to benefit teen activity. How is the project coordinated with other park or open space plans? How are the project plans responsive to the needs expressed by the nearby community residents?

Contact Information:

Mary L. Spencer
12 Anamuli Street
Kahului, HI 96732
808-877-2894
class_uog@yahoo.com

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

Ms. Mary L. Spencer
12 Anamuli Street
Kahului, Hawai'i 96732

Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Dear Ms. Spencer:

Thank you for your comments of March 30, 2013, on the subject project. We offer the following in response to your inquiry:

Traffic

Description of Impacts. The current traffic design, as explained last night, will induce severe negative impacts on homeowners in Na Hoku and Traditions residential areas and the Pomaika'i Elementary School. Even without the development of the CMRP, traffic on Kamehameha Avenue, between the school and Maui Lani Parkway, is grid locked and frantic two to three times a day. It spills over significantly into the adjacent neighborhood streets, with cars blocking resident driveways or cars even parking in resident driveways, and on the grass. At times the congestion stimulates reckless driving that endangers children's lives. This traffic gridlock, congestion, and neighborhood impact should not be confused with the need for a traffic light at the Maui Lani Parkway and Kamehameha Avenue intersection. While possibly needed, the light will not diminish the impact of a vehicle load that surpasses the carrying capacity of the residential area.

With the addition of more than 600 cars (based on the 600 parking stalls and areas for overflow parking cited for the CMRP plan in the comments made and handout provided last night) I envision intense traffic burden migrating throughout the Na Hoku neighborhood, seeking alternative paths for reaching or leaving the park area on game days/nights. Traffic congestion of this magnitude in our neighborhood will negatively impact our piece of mind and ability to enjoy our home and yard. Moreover, I fear it will have a severe negative impact on the value of our home, our biggest lifetime investment.

Recommendation. I recommend that the end of Kamehameha Avenue near Pomaika'i Elementary School NOT be opened. The appropriate alternative is to either accelerate the opening of the street above the planned parks or synchronize park development with the availability of that road. A comprehensive traffic plan should be developed that considers traffic during both the construction phase and the operational stage.

Response: Access from Kamehameha Avenue will be needed to temporarily access the park until a permanent access is developed as part of Waiale. A traffic assessment report will be prepared to evaluate the interim and permanent traffic conditions during the design phase.

Costs

Description of concern. It was clear from the meeting last night that there has been no financial planning for the operation and maintenance of the CMRP project. How many people will be hired to operate and maintain it? What will the personnel budget be over a period of years (as salaries, benefits, and retirement funding increase)? What equipment and vehicles will have to be purchased and maintained, and at what cost? What will the annual supply, insurance, etc. budget be? Which public funding sources will pay for these expenses (state, federal, local)? What are the tradeoffs; e.g., bus transportation for school children, libraries, road repair, continuing operation and maintenance of other recreational facilities? What are the funding realities during these post-sequestration times?

Recommendation. Provide the public with long term financial planning for our community that provides comprehensive and long-term cost estimates for operating and maintaining the CMRP, and provides a fair picture of the tradeoffs. Then allow the community to weigh in on their priorities for the use of funds.

Response: The financing of the park's operations and maintenance is currently being considered by the County of Maui.

Needs Assessment

Description of concern. The design presented appeared to be a very intensive land use concept. It has great appeal to those dedicated to team sports, but there was no balance or attention to any other leisure, preventative health, community center, or family focused activities. The design calls for intensive night lighting at the playing fields that is well known to be disturbing to nearby home owners. There need to be some compromises here to prevent loss of home values in the Traditions and Na Hoku neighborhoods, and to preserve the quality of life of these home owners. Overall, I think: the design as presented last night is too impactful for a residential neighborhood. With the plans expressed last night for state sports competitions, frequent night games, development as a tourism magnet, it is better suited to a commercial or recreational district. No information was presented that indicates that a needs assessment of the surrounding neighborhoods has been made.

Recommendation. Has a needs assessment of the community affected been conducted? If so, please make the report available. If so, does it need to be updated since there are many new residents now in the neighborhoods that will be most affected? Of all of the options for land use and use of scarce public funds for the long term operation of facilities in this location, is this all that the majority of people want? Last night, one person asked about bike and walking trails and

a plan to discourage vehicle use. One person asked about consideration of a community center to benefit teen activity. How is the project coordinated with other park or open space plans? How are the project plans responsive to the needs expressed by the nearby community residents?

Response: The need for the park and park facilities has been the subject of discussion for several years. In 2007, the Planning Department commissioned a Public Facilities Assessment that showed that there was a need for more facilities in the Wailuku-Kahului area in consideration of the planned developments. The park is planned with provision for pedestrians and bicycles. There is a proposed community center to be provided in an adjacent parcel. The program for the site, however, is still in the planning phase.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang in Honolulu at (808) 587-0230, if you have additional comments .

Sincerely,



WILLIAM J. AILA, JR.
Chairperson

ALAN M. ARAKAWA
Mayor



DAVID TAYLOR, P.E.
Director

PAUL J. MEYER
Deputy Director

DEPARTMENT OF WATER SUPPLY

COUNTY OF MAUI

200 SOUTH HIGH STREET

WAILUKU, MAUI, HAWAII 96793-2155

www.mauiwater.org

April 19, 2013

Mr. Chester Koga, AICP
R.M. Towill Corporation
2024 N. King Street, Suite 200
Honolulu, Hawaii 96819-3494

Project: Central Maui Regional Park
TMK: 3-8-007:101

Dear Mr. Koga,

Thank you for the opportunity to comment on this Draft Environmental Assessment (EA).

Source Availability and System Infrastructure

The area is served by the Central Maui system. Domestic calculations to determine meter sizing will be required in the building permit process. We note that non-potable irrigation sources for the master planned Waiale development are considered for uses other than the proposed park's comfort stations. We encourage the use of non-potable irrigation sources for all landscaping and non-potable water features of the proposed park.

The Department's 36-inch transmission line is traversing the subject parcel at the north-west boundaries of the proposed park. Development of the parcel is subject to a recorded easement for the transmission line. As noted in the EA, a 12-inch waterline and fire hydrant are located along Kamehameha Avenue at the north-west section of the project. System improvements will be determined in the building permit process.

Pollution Prevention

The subject property is located within the wellhead protection area of the Maui Lani potable wells as shown on the attached map. We recommend that the following best management practices be implemented to address ground water protection during construction:

1. There shall be a designated person on site during operating hours who is responsible for supervising the use, storage, and handling of hazardous material and who shall take appropriate mitigating actions necessary in the event of fire or spill.
2. Hazardous materials left on site when the site is unsupervised must be inaccessible to the public. Locked storage sheds, locked fencing, locked fuel tanks on construction vehicles, or other techniques may be used if they will preclude access.

"By Water All Things Find Life"

13 APR 29 AM 10:45 ENGINEERING



3. Construction vehicles and stationary equipment that are found to be leaking fuel, hydraulic fluid, and/or other hazardous materials shall be removed from the site and from the wellhead protection area. The vehicle or equipment may be repaired in place, provided the leakage is completely contained.
4. Hazardous materials shall not be allowed to enter stormwater systems.

Conservation

We recommend that the following conservation measures be incorporated in the EA and implemented to alleviate demand on the Central Maui water system and the Kahului aquifer:

Indoor Conservation Measures:

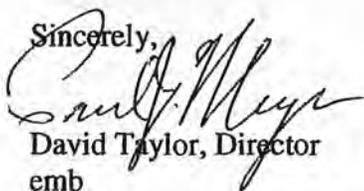
- a. Use EPA WaterSense labeled plumbing fixtures.
- b. Install flow reducers and faucet aerators in all plumbing fixtures where-ever possible.
- c. Install dual flush toilets with high efficiency models that use 1.28 gallons per flush or less.
- d. Install showerheads with a flow rate of 1.5 gpm at 60 psi or less.
- e. Install bathroom sink faucets with fixtures that do not exceed 1 gpm at 60 psi. Laundry facilities and/or individual unit machines must use Energy Star labeled washers.
- f. Limit the distance from the hot water source to the tap early in the design stage.

Exterior Areas:

- a. Use Smart Approved WaterMark irrigation products. Examples include ET irrigation controllers, drip irrigation, and water saving spray heads.
- b. Avoid plant fertilizing and pruning that would stimulate excessive growth. Time watering to occur in the early morning or evening to limit evaporation.

Should you have any questions on system improvements, please contact our engineering division at (808)270-7835. For any water resources questions, please contact Staff Planner Eva Blumenstein at (808) 463-3102 or eva.blumenstein@co.maui.hi.us.

Sincerely,



David Taylor, Director
emb

c: engineering
Carty Chang, Department of Land & Natural Resources, Engineering Division

Attachments:

Map showing Wellhead Protection Area section

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809
MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

Mr. David Taylor, Director
Department of Water Supply
200 South High Street, Suite 200
Wailuku, Hawai'i 96793

Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Dear Mr. Taylor:

Thank you for your comments of April 19, 2013, on the subject project. We offer the following in response to your inquiries.

Source Availability and System Infrastructure:

The area is served by the Central Maui system. Domestic calculations to determine meter sizing will be required in the building permit process. We note that non-potable irrigation sources for the master planned Wai'ale development are considered for uses other than the proposed park's comfort stations. We encourage the use of non-potable irrigation sources for all landscaping and non-potable water features of the proposed park.

Response: The Park is being planned to utilize non-potable water sources for irrigation. Potable water will be supplied to the comfort stations.

The Department's 36-inch transmission line is traversing the subject parcel at the north-west boundaries of the proposed park. Development of the parcel is subject to a recorded easement for the transmission line. As noted in the EA, a 12-inch waterline and fire hydrant are located along Kamehameha Avenue at the north-west section of the project. System improvements will be determined in the building permit process.

Response: We are aware of the Department's water system in the area and will coordinate any improvements to avoid conflicts.

Pollution Prevention:

The subject property is located within the wellhead protection area of the Maui Lani potable wells as shown on the attached map. We recommend that the following best management practices be implemented to address ground water protection during construction:

1. *There shall be a designated person on site during operating hours who is responsible for supervising the use, storage, and handling of hazardous material and who shall take appropriate mitigating actions necessary in the event of fire or spill.*

2. *Hazardous materials left on site when the site is unsupervised must be inaccessible to the public. Locked storage sheds, locked fencing, locked fuel tanks on construction vehicles, or other techniques may be used if they will preclude access.*
3. *Construction vehicles and stationary equipment that are found to be leaking fuel, hydraulic fluid, and/or other hazardous materials shall be removed from the site and from the wellhead protection area. The vehicle or equipment may be repaired in place, provided the leakage is completely contained.*
4. *Hazardous materials shall not be allowed to enter storm water systems.*

Response. In general, the Maui County personnel will be responsible for all post-construction BMPs. The information provided will be forwarded to the County's personnel. During construction, the Contractor is responsible to construct & maintain BMP's for the duration of the construction activities.

Conservation

We recommend that the following conservation measures be incorporated in the EA and implemented to alleviate demand on the Central Maui water system and the Kahului aquifer:

1. Indoor Conservation Measures:

- a. *Use EPA Water Sense labeled plumbing fixtures.*
- b. *Install flow reducers and faucet aerators in all plumbing fixtures where-ever possible.*
- c. *Install dual flush toilets with high efficiency models that use 1.28 gallons per flush or less.*
- d. *Install showerheads with a flow rate of 1.5 gpm at 60 psi or less.*
- e. *Install bathroom sink faucets with fixtures that do not exceed 1 gpm at 60 psi.*
- f. *Laundry facilities and/or individual unit machines must use Energy Star labeled washers.*
- g. *Limit the distance from the hot water source to the tap early in the design stage.*

Response: The practices identified above will be incorporated in the Final EA and will be included in the design specifications for the project.

2. Exterior Areas:

- a. *Use Smart Approved Watermark irrigation products. Examples include ET irrigation controllers, drip irrigation, and water saving spray heads.*
- b. *Avoid plant fertilizing and pruning that would stimulate excessive growth.*
- c. *Time watering to occur in the early morning or evening to limit evaporation.*

Response: The practices identified above will be incorporated in the Final EA and will be included in the design specifications for the project.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang in Honolulu at (808) 587-0230, if you have additional comments.

Sincerely,



WILLIAM J. AILA, JR.
Chairperson

ALAN M. ARAKAWA
Mayor

DAVID C. GOODE
Director

ROWENA M. DAGDAG-ANDAYA
Deputy Director

Telephone: (808) 270-7845
Fax: (808) 270-7955



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
200 SOUTH HIGH STREET, ROOM NO. 434
WAILUKU, MAUI, HAWAII 96793

GLEN A. UENO, P.E., Interim
Development Services Administration

CARY YAMASHITA, P.E.
Engineering Division

BRIAN HASHIRO, P.E.
Highways Division

April 22, 2013

Mr. Chester Koga, AICP
R. M. TOWILL CORPORATION
2024 North King Street, Suite 200
Honolulu, Hawaii 96819-3494

Dear Mr. Koga:

**SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR
PROPOSED CENTRAL MAUI REGIONAL PARK**

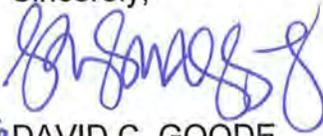
We reviewed the subject application and have the following comments:

1. The applicant shall be responsible for all required improvements as required by Hawaii Revised Statutes, Maui County Code and rules and regulations.
2. As applicable, construction plans shall be designed in conformance with Hawaii Standard Specifications for Road and Bridge Construction dated 2005 and Standard Details for Public Works Construction, 1984, as amended.
3. As applicable, worksite traffic-control plans/devices shall conform to Manual on Uniform Traffic Control Devices for Streets and Highways, 2003.
4. Applicant shall provide drainage report and traffic impact analysis report (TIAR). The TIAR shall address impacts at the Kamehameha Avenue/Maui Lani Parkway intersection for vehicles, pedestrians, and bicycles.

Mr. Chester Koga, AICP
April 22, 2013
Page 2

Please call Rowena M. Dagdag-Andaya at (808) 270-7845 if you have any questions regarding this letter.

Sincerely,



DAVID C. GOODE
Director of Public Works

DCG:RMDA:ls

xc: Highways Division
Engineering Division

S:\LUCACZM\prop_central_maii_regional_park_dea_ls with glen ueno

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

Mr. David C. Goode, Director
Department of Public Works
200 South High street, Room 434
Wailuku, Hawai'i 96793

Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Dear Mr. Goode:

Thank you for your comments of April 22, 2013, on the subject project. We offer the following in response to your inquiries.

1. *The applicant shall be responsible for all required improvements as required by Hawai'i Revised Statutes, Maui County Code and rules and regulations.*
2. *As applicable, construction plans shall be designed in conformance with Hawai'i Standard Specifications for Road and Bridge Construction dated 2005 and Standard Details for Public Works Construction, 1984, as amended.*
3. *As applicable, worksite traffic-control plans/devices shall conform to Manual on Uniform Traffic Control Devices for Streets and Highways, 2003.*
4. *Applicant shall provide drainage report and traffic impact analysis report (TIAR). The TIAR shall address impacts at the Kamehameha Avenue/Maui Lani Parkway intersection for vehicles, pedestrians, and bicycles.*

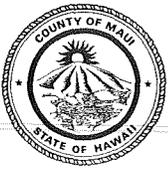
Response: Items #1-3 are acknowledged and applicable statutes and regulations will be adhered to. Item #4, the drainage report and traffic impact assessment, will be submitted with the construction documents when completed.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang in Honolulu at 587-0230, if you have additional comments.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Aila, Jr.", written in a cursive style.

WILLIAM J. AILA, JR.
Chairperson



POLICE DEPARTMENT

COUNTY OF MAUI



ALAN M. ARAKAWA
MAYOR

OUR REFERENCE
YOUR REFERENCE

55 MAHALANI STREET
WAILUKU, HAWAII 96793
(808) 244-6400
FAX (808) 244-6411

GARY A. YABUTA
CHIEF OF POLICE

CLAYTON N.Y.W. TOM
DEPUTY CHIEF OF POLICE

April 22, 2013

Mr. Chester Koga
R.M. Towill Corporation
2024 North King Street, Suite 200
Honolulu, HI 96819-3494

Dear Mr. Koga:

SUBJECT: Public Review of DEA for Proposed Central Maui Regional Park

This is in response to your letter dated March 25, 2013, requesting comments and information on the above project.

We have reviewed the Draft Environmental Assessment for the project. Please refer to the enclosed copy of a report submitted by Officer Marjorieann Kahookele-Pea from the Wailuku District.

Thank you for giving us the opportunity to comment on this project.

Sincerely,

Assistant Chief Victor K. Ramos
for: Gary A. Yabuta
Chief of Police

c: William Spence, Dept. of Planning
Carty Chang, DLNR, Engineering Division

Enclosure

TO : GARY YABUTA, CHIEF OF POLICE, COUNTY OF MAUI

VIA : CHANNELS *J. Yabuta*
Act. 10/22/13

FROM : MARJORIEANN KAHOOKELE-PEA, POIII, COMMUNITY POLICE OFFICER

SUBJECT : PUBLIC REVIEW OF DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR
PROPOSED CENTRAL MAUI REGIONAL PARK, ISLAND OF MAUI, HAWAII

This communication is submitted as a response to a request for review and comment for public review of Draft Environmental Assessment (DEA) for proposed Central Maui Regional Park located on the Island of Maui, Hawaii. The request was sent by Chester KOGA of R. M. Towill Corporation, AICP, Project Coordinator on behalf of the Department of Land and Natural Resources, Engineering Division, Carty CHANG regarding:

PROJECT : Central Maui Regional Park
TMK # : (2) 3-8-007:101
APPLICANT : State of Hawaii, Department of Land and Natural Resources
Engineering Division
Attention: Carty Chang
CONSULTANT : R. M. Towill Corporation
Attention: Chester Koga

PROJECT INFORMATION:

The proposed Central Maui Regional Park is the construction of a 65-acre park with 9-ball fields, 4-soccer fields, comfort stations, parking, equipment storage, water reservoir, detention basin, maintenance facility and landscaping. This will encompass 63 acres of currently undeveloped land. This nearest arterial street which borders to the east is Kuihelani Highway. A temporary access road will connect to the end of Kamehameha Avenue, extend and continue south, arcing southeast and forming the parking lot for the proposed district park. This regional park will be used for the general public and used mainly by residents of Wai'ale and Maui Lani communities.

RESPONSE:

In review of the submitted documents, concerns from the police perspective are upon the safety of pedestrian and vehicular movement and with the expansion of the population in the area, additional police protection may be required for the area. There will be an increase in pedestrian and vehicular traffic in the Maui Lani community as a result of the park. Proper lighting will be used in the park and community center will be lighted for enabling residents to play games at night. Additionally, sufficient lighting will enhance the safety of pedestrians and vehicular traffic in the area, and deter crime in the fields and parking lots of the park.

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

Assistant Chief Victor K. Ramos
Maui Police Department
55 Mahalani Street
Wailuku, Hawai'i 96793

Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Dear Chief Ramos:

Thank you for your comments of April 22, 2013 on the subject project which includes a response from Office Marjorieann Kahookele-Pea that states:

"In review of the submitted documents, concerns from the police perspective are upon the safety of pedestrian and vehicular movement and with the expansion of the population in the area, additional police protection may be required for the area. There will be an increase in pedestrian and vehicular traffic in the Maui Lani community as a result of the park. Proper lighting will be used in the park and community center will be lighted for enabling residents to play games at night. Additionally, sufficient lighting will enhance the safety of pedestrians and vehicular traffic in the area, and deter crime in the fields and parking lots of the park."

Response: We acknowledge that the park development will represent the needs for additional services to be provided by the Police Department. The park will be developed to provide the residents and visitors to the County, an additional resource for both active and passive recreation. The facilities to be provided will be designed with safety in mind.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang in Honolulu at (808) 587-0230, if you have additional comments.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Aila, Jr.", written in a cursive style.

WILLIAM J. AILA, JR.
Chairperson

Chester Koga

From: John V. Duey <jduey@maui.net>
Sent: Saturday, March 30, 2013 5:07 PM
To: Chester Koga
Subject: Central park

Aloha

I was unable to attend the meeting here on Maui concerning the Central Maui park.

I have only one ? Where is the irrigation water coming from?

John V. Duey
Pres. Hui O' Na Wai Eha

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

Mr. John V. Duey
Hui O Na Wai Eha
575A Iao Valley Road
Wailuku, Hawai'i 96793-3004

Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Dear Mr. Duey:

Thank you for your comments of March 30, 2013, on the subject project. We offer the following in response to your inquiry, "where is the irrigation water coming from?"

Response: The irrigation water will come from a non-potable well on-site. In addition, water from an off-site source is also being considered.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang in Honolulu at (808)587-0230, if you have additional comments.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Aila, Jr.", written in a cursive style.

WILLIAM J. AILA, JR.
Chairperson

April 19, 2013

Jim Buika,
Wailuku Resident
514 Komo Ohia Street
Wailuku, HI 96793
(808) 283-8636

Mr. Chester Koga
R. M. Towill Corporation
2024 N. King St. Suite 200
Honolulu, HI 96819
Contact: email: chesterk@rmtowill.com

**Subject: Comments on the Draft Environmental Assessment for the Maui County
Central Park, TMK (2) 3-8-007-101**

Below are my formal comments on the Draft Environmental Assessment that I would like addressed in the Final EA:

Mitigation alternatives

1. **In consultation with Public Works Department, please explore the option to include in the grading and grubbing permit that all excavated sand be dedicated to the beneficial use of the County of Maui for beach nourishment projects on Maui Island rather than being sold and removed from the island of Maui.**
 - a. For the Final EA, estimate the total volume of sand to be excavated as part of the project to construct the fields and retention basins.
 - b. Please coordinate with the County of Maui to explore stockpiling and storing all excavated sand.
 - c. Construct a cost estimate for storage of sand and trucking of sand to an acceptable storage location in central Maui.
2. **As part of the Final EA, please include all reports and studies, such as Biological, Archaeological, Drainage, and Traffic studies. These background studies should have been included as part of the Draft EA for review. Unfortunately, this information was not included as part of the Draft EA for review.**
3. **As part of the Final EA, please explain the drainage/detention basin function and purpose.** There is no connection of the detention basin with the flood plain (See figure 5). Figure 8 shows Waikapu Stream -- there is no connection of Waikapu Stream to the detention basin. **Please explain the detention basin connections with the flood plain and to the project.**

- a. Will the detention basin be always full of water or will it be used as additional capacity for certain storm water conditions? How many days a year do you anticipate the retention basin be occupied with water? What is the volume of water capacity of the detention basin?
 - b. Please include a Preliminary Drainage Report and detail the connection of the project to the detention basin.
 - c. On figure 4, Site Map, add elevation numbers to elevation contours. This will help define the size and volume of the detention basin.
4. As a mitigation alternative, please consider the alternative to add pervious drainage areas to the parking lot so that some of the runoff can percolate into the substrate.
 5. Please designate parking lot areas on the Site Map.
 6. Document linkages to the Middle school. Can parking be accommodated at the school for evening sports events?

Project Design Alternatives

1. As part of the Final Environmental Assessment public participation process, the Applicant should consult with soccer professionals and or Maui Club Team Directors so that the soccer fields meet the needs of the local teams. Professional soccer input is critical to gain as this park design is a once in a lifetime opportunity to take soccer to the next level on Maui. The Applicant is encouraged to hold at least one public meeting with the local soccer coach community to gain their direct input to maximize the design of the soccer field complex. Please document all public meetings with attendee lists and agendas and summary of input comments.
2. From input I have gained from one Maui Soccer Club Director, the four proposed soccer fields are undersized by professional standards. The proposed fields are also flanked by a retention/detention basin with the most likely purpose to retain occasional storm water from occasional large storm run off. The proposed fields are 100 yards long by 60 yards wide. The optimum field size is recommended with dimensions of 110 yards long and 75 yards wide. Explore two additional soccer field design configurations that would provide for properly-sized fields (110x75) as well as add the option for adding two additional soccer fields, for a total of six (6) soccer fields, into the existing area designated for soccer fields and the retention basin:
 - a. Explore the alternative of replacing the planned four soccer fields with the same four soccer fields with new increased dimensions of 110 yards x 75 yards. Obviously, this alternative requires more space. Explore the option of reconfiguring the retention basin to manage the same volume of water with a smaller but deeper footprint, in favor of increasing the available land to increase the size of the soccer fields to professional standards.
 - b. Explore the option of creating two professional soccer fields at 110x75 yards (as desired by the soccer community) and two smaller soccer fields at 100x 60 yards (as proposed).

- c. Explore the option of creating the entire soccer complex into a soccer complex/retention basin system in order to design and construct six soccer fields at maximum desired size dimensions. The advantage of this design is that the entire area could be designed to accommodate the water retention during the occasional storm runoff, which is infrequent. Currently, this type of design has been constructed in the retention basin behind the Safeway Store in Kihei. The Kahului Community Center soccer fields are also based on this design principle.
 - d. Another advantage of adding six soccer fields is that Maui can attract tournament play from other islands as well as from the mainland with six professional-sized soccer fields and proper concessions and comfort stations. Multi-day tournament play for soccer teams creates a large economic engine for the County of Maui, attracting teams of 15 players, and associated family members and coaches, totaling 25-40 visitors per team, generating additional spending on Maui. Creating six contiguous soccer fields would create many more additional tournament options than the planned four smaller-sized soccer fields. Currently, to play most tournaments, Maui Soccer Clubs must travel to Oahu for three days or to the mainland for more than three days. This travel situation is an extreme cost burden to local families that can be somewhat alleviated by hosting tournaments on Maui at this new soccer field complex. Please add the design alternative of six professional sized soccer fields at 110x75 yards and describe the costs and benefits for this alternative.
3. Explore, design, and document additional alternatives of soccer field design to include the soccer field complex as part of the retention basin.
 - a. Explore another alternative of creating a three-staged retention basin incorporating six soccer fields. Two field areas can be the lowest elevation, located at the drainage influent, to capture the occasional storm runoff. The next two fields could be at a slightly higher elevation, designed to capture all runoff for a larger storm, with the lowest two fields. The final two fields can be constructed at yet another higher elevation designed to capture the 100 year storm, with the other four fields.
 - b. As a comment only, in all cases, please concur that since most of the substrate is Jaucus Sand and Puuone Sand, the percolation of runoff into the substrate should be fairly rapid, eliminating any standing water.
 4. On all maps, add street names and building locations, school names, etc. to give better information in context.

Project Phasing Alternatives and Addition of Critical Amenities

1. Amenities, such as comfort stations and kitchen and parking are critical to service this sports-oriented and people-oriented park. For the final permits, please consider adding project triggers for the contractor to complete development of amenities along with the field development, rather than completing all amenities, following the field development.

2. Build parking in phases triggered as part of the field development.
3. Add field lighting for safety and security purposes. Lighting is critical to the success of the park. The park should be able to accommodate sports and teams after sunset as the temperatures cool, rather than only playing in the hot sun. Playing only in the hot sun, in this central location, can be detrimental to the health and safety of young athletes. Using the park as a nighttime facility is critical to the success of the park.
4. Add a kitchen to the concession stand with cold storage so that teams can conduct fund raisers. Cold storage facilities at the concession stand is required for overnight storage of hamburgers (best sellers) and other meats to meet Department of Health standards. Gain comments from Department of Health for concession stand requirements to meet health codes.
5. If possible, design and add a bike path or walking path around the entire complex.

Thank you for your including information on the above comments for the Final EA for the Central Maui Regional Park. If you have any question, you may contact me at my above address and telephone number.

CC: Maui United Soccer Club, Director of Coaches, <http://mauiunitedsoccerclub.org/>
Mr. William Aila, Jr. Chairperson, State of Hawaii, Dept of Land and Natural Resources,
Engineering Division, Post Office Box 373, Honolulu, Hawaii 96809

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 4

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

Jim Buika
514 Komo Ohia Street
Wailuku, Hawai'i 96793

Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Dear Mr. Buika,

Thank you for your comments of April 19, 2013 on the subject project. In response to your comments, we offer the following:

1. *In consultation with Public Works Department, please explore the option to include in the grading and grubbing permit that all excavated sand be dedicated to the beneficial use of the County of Maui for beach nourishment projects on Maui Island rather than being sold and removed from the island of Maui.*

Response: In general, the overall grading plan for the park will utilize all of the material (sand) on the project site due to the fact that the ground in the area is sloping. In the event that we find that there will be excess material, we will be consulting with the County of Maui's Department of Public Works for the re-use of the sand.

2. *As part of the Final EA, please include all reports and studies, such as Biological, Archaeological, Drainage, and Traffic studies. These background studies should have been included as part of the Draft EA for review. Unfortunately, this information was not included as part of the Draft EA for review.*

Response: The background studies you refer to was part of the Environmental Impact Statement prepared for the Wai'ale Project. In the interest of conservation, the reports are cited as reference. The entire report can be viewed on-line at the website of the Office of Environmental Quality Control.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang, in Honolulu at (808) 587-0230, if you have additional comments.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Aila, Jr.", written in a cursive style.

WILLIAM J. AILA, JR.
Chairperson

Chester Koga

From: Carty.S.Chang@hawaii.gov
Sent: Monday, April 01, 2013 9:37 AM
To: Chester Koga
Cc: Collins Lam; Gordon Ring; Russell Chung; Russell.P.Kumabe@hawaii.gov; Roger.H.Masuoka@hawaii.gov; Brandon.J.Kim@hawaii.gov; Ross.Tsukenjo@hawaii.gov; Alyson.K.Yim@hawaii.gov; Stephen.D.Soaes@hawaii.gov; Dan.Quinn@hawaii.gov
Subject: Fw: Central Maui Regional Park Planning

Comment received from Chris Profio on 3/30/13

Carty Chang, P.E.
Chief Engineer
Department of Land and Natural Resources
Engineering Division
Phone: (808) 587-0230, Fax: (808) 587-0283
Email: carty.s.chang@hawaii.gov

----- Forwarded by Carty S Chang/DLNR/StateHiUS on 04/01/2013 09:34 AM -----

From: Chris Profio <legendaryyeti@yahoo.com>
To: "carty.s.chang@hawaii.gov" <carty.s.chang@hawaii.gov>, "esterk@rmtowill.com" <esterk@rmtowill.com>,
Cc: Mayor Alan Arakawa <mayors.office@mauicounty.gov>, Rod Antone <Rod.Antone@co.maui.hi.us>, Gil Keith-Agaran <senkeithagaran@capitol.hawaii.gov>, Justin Woodson <repwoodson@capitol.hawaii.gov>
Date: 03/30/2013 09:11 AM
Subject: Central Maui Regional Park Planning

I would recommend that this proposal go no further until the funding for proper maintenance of this new park is secure. The story in today's Maui News is vague - it says the county will maintain the park, but Lt. Gov. Tsutsui hopes that park users would pitch in to help.

Hmm.

I read a while back where Mayor Arakawa was quoted as saying there were 250+ broken sprinkler heads at Keopuolani Park in Kahului that the county couldn't afford to replace. I noticed that it took years to replace a single damaged light standard in that park.

The park in my neighborhood looks like crap all of the time.

If the county doesn't have the money to maintain existing parks, then where is the money going to come from to maintain a new park, especially one as large as is being planned?

Chris Profio
289 Kuualoha St, Kahului

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KLA'AIMA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

Mr. Chris Profio
289 Kuualoha Street
Kahului, Hawai'i 96732

Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Dear Mr. Profio,

Thank you for your comments of March 20, 2013 on the subject project. In response to your comments, we offer the following:

"I would recommend that this proposal go no further until the funding for proper maintenance of this new park is secure. The story in today's Maui News is vague - it says the county will maintain the park, but Lt. Gov. Tsutsui hopes that park users would pitch in to help."

We appreciate your concern. Please be assured that the County of Maui has expressed that the park and its facilities are an important resource for the community. They are ready to provide the necessary care and resources the park needs.

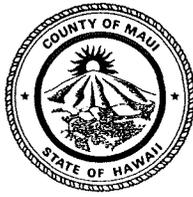
Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang at (808) 587-0230, if you have additional comments.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Aila, Jr.".

WILLIAM J. AILA, JR.
Chairperson

ALAN M. ARAKAWA
Mayor



GLENN T. CORREA
Director

BRIANNE SAVAGE
Deputy Director

(808) 270-7230
FAX (808) 270-7934

DEPARTMENT OF PARKS & RECREATION

700 Hali'a Nako'a Street, Unit 2, Wailuku, Hawaii 96793

April 5, 2013

Mr. Chester Koga, Project Coordinator
R.M. Towill Corporation
2024 N. King Street, Suite 200
Honolulu, HI 96819-3494

Dear Mr. Koga:

SUBJECT: Public Review of Draft Environmental Assessment (DEA) for proposed Central Maui Regional Park, Maui, Hawaii

Thank you for the opportunity to review and comment on the subject project.

The Department of Parks & Recreation is in full support of the proposed project, and appreciates the communication and collaboration on the conceptual design with the State Department of Land and Natural Resources, R.M. Towill Corporation, and PBR Hawaii & Associates, Inc. We look forward to the completion of a much-needed new regional park in Central Maui.

Should you have any questions or concerns, please feel free to contact me or Robert Halvorson, Chief of Planning and Development, at (808) 270-7931.

Sincerely,

GLENN T. CORREA
Director of Parks & Recreation

c: Carty Chang, DLNR Engineering
Robert Halvorson, Chief of Planning & Development

GTC:RH:csa

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

Mr. Glenn T. Correa, Director
Department of Parks and Recreation
700 Halia Nakoia Street, Unit 2
Wailuku, Hawai'i 96793

Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Dear Mr. Correa:

Thank you for your comments of April 5, 2013, on the subject project. Your expression of support is appreciated. We look forward to working with your Department in making this project a success.

Thank you for taking the time to response to this important project. Please contact Mr. Carty Chang in Honolulu at 587-0230, if you have additional comments.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Aila, Jr.", written in a cursive style.

WILLIAM J. AILA, JR.
Chairperson



DEPARTMENT OF
HOUSING AND HUMAN CONCERNS
HOUSING DIVISION
COUNTY OF MAUI

ALAN M. ARAKAWA
Mayor
JO-ANN T. RIDAO
Director
JAN SHISHIDO
Deputy Director

35 LUNALILO STREET, SUITE 102 • WAILUKU, HAWAII 96793 • PHONE (808) 270-7351 • FAX (808) 270-6284

April 4, 2013

Mr. Chester Koga, AICP
Project Coordinator
R.M. Towill Corporation
2024 N. King Street, Suite 200
Honolulu, HI 96819-3494

Dear Mr. Koga:

**Subject: Draft Environmental Assessment (DEA) for Proposed
Central Maui Regional Park, Island of Maui, Hawaii
(TMK): 3-8-007:101**

The Department has reviewed the request for Draft Environmental Assessment (DEA) for the above subject project. Based on our review, we have determined that the subject project is not subject to Chapter 2.96, Maui County Code. At the present time, the Department has no additional comments to offer.

Please call Mr. Veranio Tongson Jr. of our Housing Division at (808) 270-1741 if you have any questions.

Sincerely,

WAYDE T. OSHIRO
Housing Administrator

cc: Director of Housing and Human Concerns

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

Mr. Wayde T. Oshiro, Housing Administrator
Department of Housing and Human Services
35 Lunalilo Street, Suite 102
Wailuku, Hawai'i 96793

Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Dear Mr. Oshiro:

Thank you for your comments of April 4, 2013 on the subject project indicating that DHHS has no comments to offer.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang in Honolulu at (808) 587-0230, if you have additional comments.

Sincerely,

A handwritten signature in black ink, appearing to read "William J. Aila, Jr.", written in a cursive style.

WILLIAM J. AILA, JR.
Chairperson

NEIL ABERCROMBIE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

GLENN M. OKIMOTO
DIRECTOR

Deputy Directors
JADE T. BUTAY
FORD N. FUCHIGAMI
RANDY GRUNE
JADINE URASAKI

IN REPLY REFER TO:
STP 8.1188

April 23, 2013

TO: THE HONORABLE WILLIAM J. AILA, JR, CHAIRPERSON
DEPARTMENT OF LAND AND NATURAL RESOURCES (DLNR)

ATTN: CARTY CHANG, CHIEF ENGINEER
ENGINEERING DIVISION

FROM: GLENN M. OKIMOTO, PH.D.
DIRECTOR OF TRANSPORTATION 

SUBJECT: CENTRAL MAUI REGIONAL PARK
DRAFT ENVIRONMENTAL ASSESSMENT (DEA)
TMK: (2) 3-8-007: 101

13 APR 30 PM 01:07 ENGINEERING

Thank you for requesting the State Department of Transportation's (DOT) review of the subject project.

DOT understands the DLNR proposes to construct a 65-acre park with ball fields, soccer fields, comfort stations, parking, equipment storage, water reservoir, detention basin, maintenance facility, and landscaping. The subject project is part of the Wai'ale Community Project by A&B Properties, Inc. on which DOT previously commented with the State of Hawaii Land Use Commission.

Given the location of the subject project, DOT Airports Division has concern regarding hazardous wildlife attraction, and DOT Highways Division has highway access concerns. DOT comments are as follows:

DOT Airports

1. According to Federal Aviation Administration (FAA) Advisory Circular 150/5200-33B, Hazardous Wildlife Attractants On or Near Airports, the FAA recommends a distance of five (5) statute miles between the airfields's air operations area (AOA) and any land use activity which could potentially attract hazardous wildlife that may impact aircraft operations at the airfield. The subject project is within five (5) miles from Kahului Airport. DLNR should be advised that Section 2-6 in the Advisory Circular discusses agricultural activities which could attract wildlife activity.

2. According to the Wai'ale Community Project Final Environmental Impact Statement (FEIS) the subject project will provide a stormwater retention basin for the Wai'ale development. In accordance with FAA Advisory Circular 150/5200-33B, stormwater detention ponds should be designed, engineered, constructed, and maintained for a maximum 48-hour detention period after the design storm and remain completely dry between storms. To facilitate the control of hazardous wildlife, the FAA recommends the use of steep-sided, rip-rap lined, narrow, and linearly shaped water detention basins.
3. In accordance with the State of Hawaii, Land Use Commission (LUC), Docket No. A10-789, Findings of Fact, Conclusions of Law, and Decision and Order, Condition 8, Hazardous Wildlife Attractants on or Near Kahului Airport, requires the Petitioner, A&B Properties, Inc., to enter into a Memorandum of Agreement (MOA) with DOT to document hazardous wildlife mitigation prior to final subdivision approval of the initial phase of onsite development by Petitioner. Discussions have not taken place for the MOA.
4. The DLNR is requested to file FAA Form 7460-1, Notice of Proposed Construction or Alteration according to the Code of Federal Regulations, Title 14, Part 77.9, due to the proposed project (construction or alteration) is within 20,000 feet of Kahului Airport which exceeds a 100:1 surface from any point on the runway of the airport with its longest runway more than 3,200 feet if plans include tall structures, ballpark lights, solar panels, etc. This form and criteria for submittal can be found at the following website: <https://oeaaa.faa.gov/oeaaa/external/portal.jsp>. If a FAA Form 7460-1 is filed, a copy is to be provided to DOT-Airports when the FAA determination is issued.

DOT Highways

1. Section 5.1, Traffic and Circulation of the subject DEA states, "A temporary road will connect to the end of Kamehameha Avenue..." The Final Environmental Assessment (FEA) should discuss the proposed location or alternative locations for the permanent access.
2. Section 5.1, Traffic and Circulation of the subject DEA also states, "Proficiency on the traffic network to mitigate the potential impacts of the Central Maui Regional Park has already been evaluated as part of the Wai'ale Environmental Impact Statement (EIS) and Final Traffic Impact Assessment Report (TIAR)..." The Wai'ale EIS and TIAR did not include the park's projected traffic or any discussion of its projected impacts. The FEA should include a traffic assessment to assess the traffic impacts of the proposed park on Kuihelani Highway and Honoapiilani Highway and to recommend required mitigation.
3. No direct access to Kuihelani Highway will be permitted along the Kuihelani Highway frontage of the proposed regional park.

4. DLNR should be aware that, at the LUC hearing for A&B Properties, Inc.'s petition for the land use district boundary amendment for the Wai'ale Development, DOT provided testimony. Such testimony requested that the Petitioner dedicate land to accommodate auxiliary lanes on Kuihelani Highway at each access to the Wai'ale Development, including the Road C access that borders the southeast side of the subject park.

Section 8.2 of the DEA identifies DOT as the State Agency responsible for approving the Finding Of No Significant Impact (FONSI). This should be corrected to Department of Land and Natural Resources (DLNR).

DOT appreciates the opportunity to provide comments. Should you have any questions, including the need to meet with DOT Airports Division or Highways Division staff, please contact Mr. Garrett Smith of the DOT Statewide Transportation Planning Office at telephone number (808) 831-7976.

c: R. M. Towill, Corporation (Chester Koga)

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

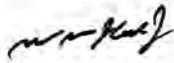
ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING

FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

TO: GLENN M. OKIMOTO, Director
Department of Transportation

FROM: WILLIAM J. AILA, JR., Chairperson 
Department of Land and Natural Resources

SUBJECT: CENTRAL MAUI REGIONAL PARK
DRAFT ENVIRONMENTAL ASSESSMENT
TAX MAP KEY: (2) 3-8-007-101

The following is in response to your comments of April 23, 2013:

DOT Airports

1. *According to Federal Aviation Administration (FAA) Advisory Circular 150/5200-33B, Hazardous Wildlife Attractants On or Near Airports, the FAA recommends a distance of five (5) statute miles between the airfields's air operations area (AOA) and any land use activity, which could potentially attract hazardous wildlife that may impact aircraft operations at the airfield. The subject project is within five (5) miles from Kahului Airport. DLNR should be advised that Section 2-6 in the Advisory Circular discusses agricultural activities which could attract wildlife activity.*

Response: We are aware that the subject project is less and five miles from Kahului Airport. The subject site is being developed as a public park and will not introduce an attractant that will attract birds to the area, specifically water features.

2. *According to the Wai'ale Community Project Final Environmental Impact Statement (FEIS) the subject project will provide a stormwater retention basin for the Wai'ale development. In accordance with FAA Advisory Circular 150/5200-33B, stormwater detention ponds should be designed, engineered, constructed, and maintained for a maximum 48-hour detention period after the design storm and remain completely dry between storms. To facilitate the control of hazardous wildlife, the FAA recommends the use of steep-sided, rip-rap lined, narrow, and linearly shaped water detention basins.*

Response: The stormwater detention basin being planned for the subject project will be development with the guidance provided by FAA Advisory Circular 150/5200-33B.

3. *In accordance with the State of Hawaii, Land Use Commission (LUC), Docket No. AI 0-789, Findings of Fact, Conclusions of Law, and Decision and Order, Condition 8, Hazardous Wildlife Attractants on or Near Kahului Airport, requires the Petitioner, A&B Properties, Inc., to enter into a Memorandum of Agreement (MOA) with DOT to document hazardous wildlife mitigation prior to final subdivision approval of the initial phase of onsite development by Petitioner. Discussions have not taken place for the MOA.*

Response: We are unaware of any actions being taken by A&B Properties with regard to wildlife hazard mitigation. The stormwater detention basin on the project site is being design within the parameters of the Advisory Circular.

4. *The DLNR is requested to file FAA Form 7460-1, Notice of Proposed Construction or Alteration according to the Code of Federal Regulations, Title 14, Part 77.9, due to the proposed project (construction or alteration) is within 20,000 feet of Kahului Airport which exceeds a 100: 1 surface from any point on the runway of the airport with its longest runway more than 3,200 feet if plans include tall structures, ballpark lights, solar panels, etc. This form and criteria for submittal can be found at the following website: <https://oeaaa.faa.gov/oeaaa/external/p0111a1.jsp>. If a FAA Form 7460-1 is filed, a copy is to be provided to DOT-Airports when the FAA determination is issued.*

Response: Form 7460-1 will be filed with the FAA in accordance with CFR, Title 14, Part 77.9.

DOT Highways

1. *Section 5.1, Traffic and Circulation of the subject DEA states, "A temporary road will connect to the end of Kamehameha Avenue ... " The Final Environmental Assessment (FEA) should discuss the proposed location or alternative locations for the permanent access.*

Response: Temporary access for the park will be provided from Kamehameha Avenue and a new roadway off of Kuihelani Highway will be developed by the Wai'ale developer.

2. *Section 5.1, Traffic and Circulation of the subject DEA also states, "Proficiency on the traffic network to mitigate the potential impacts of the Central Maui Regional Park has already been evaluated as part of the Wai'ale Environmental Impact Statement (EIS) and Final Traffic Impact Assessment Report (TLAR) " The Wai'ale EIS and TLAR did not include the park's projected traffic or any discussion of its projected impacts. The FEA should include a traffic assessment to assess the traffic impacts of the proposed park on Kuihelani Highway and Honoapi'ilani Highway and to recommend required mitigation.*

Response: While the proposed action will add to the traffic on the regional networks, an evaluation of traffic impacts during peak travel periods (AM and PM) did not show that the park would be a significant impact because most of the organized activity at the parks would generally occur during off peak periods during the weekday and weekends.

3. *No direct access to Kuihelani Highway will be permitted along the Kuihelani Highway frontage of the proposed regional park.*

Response: We are aware of the limitation and no direct access is planned from the park to Kuihelani Highway.

4. *DLNR should be aware that, at the LUC hearing for A&B Properties, Inc.'s petition for the land use district boundary amendment for the Wai'ale Development, DOT provided testimony. Such testimony requested that the Petitioner dedicate land to accommodate auxiliary lanes on Kuihelani Highway at each access to the Wai'ale Development, including the Road C access that borders the southeast side of the subject park.*

Response: This matter is outside of the jurisdiction of the subject park development. We will communicate this need to the project developer.

5. *Section 8.2 of the DEA identifies DOT as the State Agency responsible for approving the Finding of No Significant Impact (FONSI). This should be corrected to Department of Land and Natural Resources (DLNR).*

Response: This reference will be corrected.

Thank you for taking the time to comment on this important project. Please contact Carty Chang at 587-0230, if you have additional comments.



STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
EMD/CWB

04015PMR.13

April 4, 2013

Mr. Carty Chang
Department of Land and Natural Resources
Engineering Division
151 Punchbowl Street, Room 221
Honolulu, Hawaii 96813

Dear Mr. Chang:

**SUBJECT: Comments on the Draft Environmental Assessment (DEA) for the Proposed Central Maui Regional Park Wailuku and Waikapu, Island of Maui, Hawaii
TMK: (2) 3-8-007:101**

The Department of Health (DOH), Clean Water Branch (CWB), acknowledges receipt your letter, dated March 25, 2013, requesting comments on your project. The DOH-CWB has reviewed the subject document and offers these comments. Please note that our review is based solely on the information provided in the subject document and its compliance with the Hawaii Administrative Rules (HAR), Chapters 11-54 and 11-55. You may be responsible for fulfilling additional requirements related to our program. We recommend that you also read our standard comments on our website at: <http://www.hawaii.gov/health/environmental/env-planning/landuse/CWB-standardcomment.pdf>.

1. Any project and its potential impacts to State waters must meet the following criteria:
 - a. Antidegradation policy (HAR, Section 11-54-1.1), which requires that the existing uses and the level of water quality necessary to protect the existing uses of the receiving State water be maintained and protected.
 - b. Designated uses (HAR, Section 11-54-3), as determined by the classification of the receiving State waters.
 - c. Water quality criteria (HAR, Sections 11-54-4 through 11-54-8).
2. You may be required to obtain a National Pollutant Discharge Elimination System (NPDES) permit for discharges of wastewater, including storm water runoff, into State surface waters (HAR, Chapter 11-55). An application for an NPDES individual permit must be submitted at least 180 calendar days before the commencement of the discharge. To request NPDES permit coverage, you must submit the CWB Individual

NPDES Form through the e-Permitting Portal and the hard copy certification statement with \$1,000 filing fee. Please open the e-Permitting Portal website at: <https://eha-cloud.doh.hawaii.gov/epermit/View/home.aspx>. You will be asked to do a one-time registration to obtain your login and password. After you register, click on the Application Finder tool and locate the "CWB Individual NPDES Form." Follow the instructions to complete and submit this form.

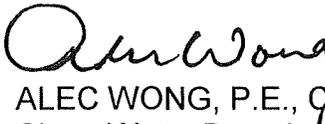
3. If your project involves work in, over, or under waters of the United States, it is highly recommend that you contact the Army Corp of Engineers, Regulatory Branch (Tel: 835-4303) regarding their permitting requirements.

Pursuant to Federal Water Pollution Control Act [commonly known as the "Clean Water Act" (CWA)], Paragraph 401(a)(1), a Section 401 Water Quality Certification (WQC) is required for "[a]ny applicant for Federal license or permit to conduct any activity including, but not limited to, the construction or operation of facilities, which may **result** in any discharge into the navigable waters..." (emphasis added). The term "discharge" is defined in CWA, Subsections 502(16), 502(12), and 502(6); Title 40 of the Code of Federal Regulations, Section 122.2; and Hawaii Administrative Rules (HAR), Chapter 11-54.

4. Please note that all discharges related to the project construction or operation activities, whether or not NPDES permit coverage and/or Section 401 WQC are required, must comply with the State's Water Quality Standards. Noncompliance with water quality requirements contained in HAR, Chapter 11-54, and/or permitting requirements, specified in HAR, Chapter 11-55, may be subject to penalties of \$25,000 per day per violation.

If you have any questions, please visit our website at: <http://www.hawaii.gov/health/environmental/water/cleanwater/index.html>, or contact the Engineering Section, CWB, at (808) 586-4309.

Sincerely,


ALEC WONG, P.E., CHIEF
Clean Water Branch

MR:rh

c: DOH-EPO [via email only]
Mr. Chester Koga, R. M. Towill Corporation

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

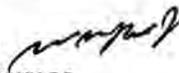
WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

ESTHER KLA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

TO: ALEC WONG, P.E. Chief
Clean Water Branch, Department of Health

FROM: WILLIAM J. AILA, JR., Chairperson 
Department Of Land and Natural Resources

SUBJECT: CENTRAL MAUI REGIONAL PARK
DRAFT ENVIRONMENTAL ASSESSMENT
TAX MAP KEY: (2) 3-8-007-101

Thank you for your comments of April 4, 2013, on the subject project. We offer the following in response to your inquiries.

1. *Any project and its potential impacts to State waters must meet the following criteria:*
 - a. *Antidegradation policy (HAR, Section 11-54-1.1), which requires that the existing uses and the level of water quality necessary to protect the existing uses of the receiving State water be maintained and protected.*
 - b. *Designated uses (HAR, Section 11-54-3), as determined by the classification of the receiving State waters.*
 - c. *Water quality criteria (HAR, Sections 11-54-4 through 11-54-8).*

Response: The policies stated in part of HAR Section 11-54 are part of our responsibility to ensure that water quality is maintained.

2. *You may be required to obtain a National Pollutant Discharge Elimination System (NPDES) permit for discharges of wastewater, including storm water runoff, into State surface waters (HAR, Chapter 11-55). An application for an NPDES individual permit must be submitted at least 180 calendar days before the commencement of the discharge. To request NPDES permit coverage, you must submit the CWB Individual PDES Form through the e-Permitting Portal and the hard copy certification statement with \$1,000 filing fee. Please open the e-Permitting Portal website at: <https://eha-cloud.doh.hawaii.gov/epermitNiew/home.aspx>. You will be asked to do a one-time registration to obtain your login and password. After you*

register, click on the Application Finder tool and locate the "CWB Individual NPDES Form." Follow the instructions to complete and submit this form.

We are in the process of developing construction documents that will be used to formulate our site specific BMPs. This will be followed by the submittal of an NPDES permit application covering construction stormwater management.

3. *If your project involves work in, over, or under waters of the United States, it is highly recommend that you contact the Army Corp of Engineers, Regulatory Branch (Tel: 835-4303) regarding their permitting requirements. Pursuant to Federal Water Pollution Control Act [commonly known as the "Clean Water Act" (CWA)], Paragraph 401(a)(1), a Section 401 Water Quality Certification (WQC) is required for "[a]ny applicant for Federal license or permit to conduct any activity including, but not limited to, the construction or operation of facilities, which may result in any discharge into the navigable waters ... " (emphasis added). The term "discharge" is defined in CWA, Subsections 502(16), 502(12), and 502(6); Title 40 of the Code of Federal Regulations, Section 122.2; and Hawaii Administrative Rules (HAR), Chapter 11-54.*

Response: We do not anticipate any discharges into navigable water, particularly "water of the United States."

4. *Please note that all discharges related to the project construction or operation activities, whether or not NPDES permit coverage and/or Section 401 WQC are required, must comply with the State's Water Quality Standards. Noncompliance with water quality requirements contained in HAR, Chapter 11-54, and/or permitting requirements, specified in HAR, Chapter 11-55, may be subject to penalties of \$25,000 per day per violation.*

Response: We are aware of the need to protect water quality and are taking steps to ensure that water quality standards are met.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang at 587-0230, if you have additional comments.

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'ADNA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

TO: KAREN SEDDON, Executive Director
Hawai'i Housing and Finance Development Corporation

FROM: WILLIAM J. AILA, JR., Chairperson *William J. Aila, Jr.*

SUBJECT: Central Maui Regional Park Draft Environmental Assessment
Tax Map Key: (2) 3-8-007-101

Thank you for your comments of April 24, 2013, indicating that HHFDC has no housing-related comments to offer.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang at 587-0230, if you have additional comments.



STATE OF HAWAII
DEPARTMENT OF HUMAN SERVICES
Benefit, Employment & Support Services Division
820 Mililani Street, Suite 606
Honolulu, Hawaii 96813

April 9, 2013

Refer to 13:0179

Mr. Chester Koga, Project Coordinator
R. M. Towill Corporation
2024 N. King Street, Suite 200
Honolulu, Hawaii 96819-3494

Dear Mr. Koga:

SUBJECT: Public Review of Draft Environmental Assessment (DEA) for the Proposed
Central Maui Regional Park, Island of Maui, Hawai'i

Thank you for the opportunity to review and comment on the Draft Environmental Impact Statement (DEA) for the proposed Central Maui Regional Park project. The Director of the Department of Human Services (DHS) has forwarded your letter to me for a response.

We have reviewed the material submitted to us and report that the DHS has no comments at this time to the proposed plans identified in the CD received from you.

If you have any questions or need further information, please contact Ms. Marja Leivo, Child Care Program Specialist, at 586-7058.

Sincerely,

Scott Nakasone
Assistant Division Administrator

c: Patricia McManaman, Director
Carty Chang, Engineering Division, Department of Land and Natural Resources

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING

FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

TO: SCOTT NAKASONE, Assistance Administrator
Department of Human Services

FROM: WILLIAM J. AILA, JR., Chairperson *W. Aila, Jr.*

SUBJECT: Central Maui Regional Park Draft Environmental Assessment
Tax Map Key: (2) 3-8-007-101

Thank you for your comments of April 9, 2013, indicating that DHS has no comments to offer.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang at 587-0230, if you have additional comments.

NEIL ABERCROMBIE
GOVERNOR



13 APR 02 PM 02:49 ENGINEERING DWIGHT TAKAMINE
DIRECTOR

AUDREY HIDANO
DEPUTY DIRECTOR

**STATE OF HAWAII
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS**

830 PUNCHBOWL STREET, ROOM 321
HONOLULU, HAWAII 96813
www.hawaii.gov/labor
Phone: (808) 586-8844/Fax: (808) 586-9099

March 28, 2013

Mr. Carty Chang
Department of Land and Natural Resources
Engineering Division
151 Punchbowl Street, Room 221
Honolulu, HI 96813

Dear Mr. Chang:

This is in response to the request for comments dated March 25, 2013 on the Draft Environmental Assessment for the proposed Central Maui Regional Park located on the island of Maui.

The Department of Labor and Industrial Relations has no comments, and we foresee no impact on our existing or proposed programs. Should you have any questions, please call me at 586-8844.

Sincerely,

DWIGHT TAKAMINE
Director

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING

FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

TO: DWIGHT TAKAMINE, Director
Department Of Labor And Industrial Relations

FROM: WILLIAM J. AILA, JR., Chairperson *W. Aila*
Department Of Land and Natural Resources

SUBJECT: CENTRAL MAUI REGIONAL PARK
DRAFT ENVIRONMENTAL ASSESSMENT
TAX MAP KEY: (2) 3-8-007-101

Thank you for your comments of April 9, 2013, on the subject project, indicating that DLIR has no comments to offer and that you foresee no impacts to proposed programs.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang at 587-0230, if you have additional comments.



DEPARTMENT OF
HOUSING AND HUMAN CONCERNS
HOUSING DIVISION
COUNTY OF MAUI

ALAN M. ARAKAWA
Mayor
JO-ANN T. RIDAO
Director
JAN SHISHIDO
Deputy Director

35 LUNALILO STREET, SUITE 102 • WAILUKU, HAWAII 96793 • PHONE (808) 270-7351 • FAX (808) 270-6284

April 4, 2013

Mr. Chester Koga, AICP
Project Coordinator
R.M. Towill Corporation
2024 N. King Street, Suite 200
Honolulu, HI 96819-3494

Dear Mr. Koga:

**Subject: Draft Environmental Assessment (DEA) for Proposed
Central Maui Regional Park, Island of Maui, Hawaii
(TMK): 3-8-007:101**

The Department has reviewed the request for Draft Environmental Assessment (DEA) for the above subject project. Based on our review, we have determined that the subject project is not subject to Chapter 2.96, Maui County Code. At the present time, the Department has no additional comments to offer.

Please call Mr. Veranio Tongson Jr. of our Housing Division at (808) 270-1741 if you have any questions.

Sincerely,

WAYDE T. OSHIRO
Housing Administrator

cc: Director of Housing and Human Concerns



DEPARTMENT OF
HOUSING AND HUMAN CONCERNS
HOUSING DIVISION
COUNTY OF MAUI

ALAN M. ARAKAWA
Mayor
JO-ANN T. RIDAO
Director
JAN SHISHIDO
Deputy Director

35 LUNALILO STREET, SUITE 102 • WAILUKU, HAWAII 96793 • PHONE (808) 270-7351 • FAX (808) 270-6284

April 4, 2013

Mr. Chester Koga, AICP
Project Coordinator
R.M. Towill Corporation
2024 N. King Street, Suite 200
Honolulu, HI 96819-3494

Dear Mr. Koga:

**Subject: Draft Environmental Assessment (DEA) for Proposed
Central Maui Regional Park, Island of Maui, Hawaii
(TMK): 3-8-007:101**

The Department has reviewed the request for Draft Environmental Assessment (DEA) for the above subject project. Based on our review, we have determined that the subject project is not subject to Chapter 2.96, Maui County Code. At the present time, the Department has no additional comments to offer.

Please call Mr. Veranio Tongson Jr. of our Housing Division at (808) 270-1741 if you have any questions.

Sincerely,

WAYDE T. OSHIRO
Housing Administrator

cc: Director of Housing and Human Concerns

NEIL ABERCROMBIE
GOVERNOR



Dean H. Seki
Comptroller

Maria E. Zjelinaki
Deputy Comptroller

STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

P.O. BOX 119, HONOLULU, HAWAII 96810-0119

APR - 3 2013

(P)1075.3

Mr. Chester Koga
R.M. Towill Corporation
2024 North King Street, Suite 200
Honolulu, Hawaii 96819-3494

Dear Mr. Koga:

Subject: Draft Environmental Assessment for Proposed
Central Maui Regional Park
Island of Maui, Hawaii

Thank you for the opportunity to provide comments for the subject project. The proposed location does not impact any of the Department of Accounting and General Services' existing facilities in the area and we have no comments to offer at this time.

If you have any questions, please call me at 586-0400 or your staff may call Mr. Alva Nakamura of the Public Works Division at 586-0488.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Seki".

DEAN H. SEKI
Comptroller

c: ✓ Mr. Carty Chang, Dept. of Land and Natural Resources-Engineering Division

13 APR 04 PM 11:15 ENGINEERING

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

TO: DEAN SEKI, Comptroller
Department Of Accounting and General Services

FROM: WILLIAM J. AILA, JR, Chairperson *WJ Aila*

SUBJECT: Central Maui Regional Park Draft Environmental Assessment
Tax Map Key: (2) 3-8-007-101

Thank you for your comments of April 3, 2013, indicating that the project will not impact existing DAGS facilities.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang at 587-0230, if you have additional comments.

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



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



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

April 26, 2013

Department of Land and Natural Resources
Engineering Division
Attention: Mr. Carty Chang
1151 Punchbowl Street; Room 221
Honolulu, Hawaii 96813

R.M. Towill Corporation
Attention: Mr. Chester Koga
2024 N. King Street; Suite 200
Honolulu, Hawaii 96819-3494

Dear Mr. Chang and Mr. Koga:

SUBJECT: Draft Environmental Assessment (DEA) for Proposed Central Maui
Regional Park

Thank you for the opportunity to review and comment on the subject matter. In addition to the comments previously sent you on April 22, 2013, enclosed are comments from the Commission on Water Resource Management on the subject matter. Should you have any questions, please feel free to call Lydia Morikawa at 587-0410. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Russell Y. Tsuji".

Russell Y. Tsuji
Land Administrator

Enclosure(s)
cc: Central Files



WILLIAM J. AILA, JR.
CHAIRPERSON
WILLIAM D. BALFOUR, JR.
SUMNER ERDMAN
LORETTA J. FUDDY, A.C.S.W., M.P.H.
NEAL S. FUJIWARA
JONATHAN STARR
TED YAMAMURA
WILLIAM M. TAM
DEPUTY DIRECTOR

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P.O. BOX 621
HONOLULU, HAWAII 96809

April 23, 2013

TO: Russell Tsuji, Administrator
Land Division
FROM: William M. Tam, Deputy Director
Commission on Water Resource Management
SUBJECT: Proposed Central Maui Regional Park DEA, Waikapu
FILE NO.: N/A
TMK NO.: (2) 3-8-007:101

RECEIVED
LAND DIVISION
2013 APR 25 PM 2:50
DEPT. OF LAND &
NATURAL RESOURCES
STATE OF HAWAII

Thank you for the opportunity to review the subject document. The Commission on Water Resource Management (CWRM) is the agency responsible for administering the State Water Code (Code). Under the Code, all waters of the State are held in trust for the benefit of the citizens of the State, therefore, all water use is subject to legally protected water rights. CWRM strongly promotes the efficient use of Hawaii's water resources through conservation measures and appropriate resource management. For more information, please refer to the State Water Code, Chapter 174C, Hawaii Revised Statutes, and Hawaii Administrative Rules, Chapters 13-167 to 13-171. These documents are available via the Internet at <http://www.hawaii.gov/dlnr/cwrm>.

Our comments related to water resources are checked off below.

- 1. We recommend coordination with the county to incorporate this project into the county's Water Use and Development Plan. Please contact the respective Planning Department and/or Department of Water Supply for further information.
- 2. We recommend coordination with the Engineering Division of the State Department of Land and Natural Resources to incorporate this project into the State Water Projects Plan.
- 3. We recommend coordination with the Hawaii Department of Agriculture (HDOA) to incorporate the reclassification of agricultural zoned land and the redistribution of agricultural resources into the State's Agricultural Water Use and Development Plan (AWUDP). Please contact the HDOA for more information.
- 4. We recommend that water efficient fixtures be installed and water efficient practices implemented throughout the development to reduce the increased demand on the area's freshwater resources. Reducing the water usage of a home or building may earn credit towards Leadership in Energy and Environmental Design (LEED) certification. More information on LEED certification is available at <http://www.usgbc.org/leed>. A listing of fixtures certified by the EPA as having high water efficiency can be found at <http://www.epa.gov/watersense/>.
- 5. We recommend the use of best management practices (BMP) for stormwater management to minimize the impact of the project to the existing area's hydrology while maintaining on-site infiltration and preventing polluted runoff from storm events. Stormwater management BMPs may earn credit toward LEED certification. More information on stormwater BMPs can be found at <http://hawaii.gov/dbedt/czm/initiative/lid.php>.
- 6. We recommend the use of alternative water sources, wherever practicable.
- 7. We recommend participating in the Hawaii Green Business Program, that assists and recognizes businesses that strive to operate in an environmentally and socially responsible manner. The program description can be found online at <http://energy.hawaii.gov/programs/achieving-efficiency/green-business-program>

- 8. We recommend adopting landscape irrigation conservation best management practices endorsed by the Landscape Industry Council of Hawaii. These practices can be found online at http://landscapehawaii.org/library/documents/lich_irrigation_conservation_bmps.pdf
- 9. There may be the potential for ground or surface water degradation/contamination and recommend that approvals for this project be conditioned upon a review by the State Department of Health and the developer's acceptance of any resulting requirements related to water quality.

Permits required by CWRM:

Additional information and forms are available at http://hawaii.gov/dlnr/cwrm/info_permits.htm.

- 10. The proposed water supply source for the project is located in a designated water management area, and a Water Use Permit is required prior to use of water. The Water Use Permit may be conditioned on the requirement to use dual line water supply systems for new industrial and commercial developments.
 - 11. A Well Construction Permit(s) is (are) required before any well construction work begins.
 - 12. A Pump Installation Permit(s) is (are) required before ground water is developed as a source of supply for the project.
 - 13. There is (are) well(s) located on or adjacent to this project. If wells are not planned to be used and will be affected by any new construction, they must be properly abandoned and sealed. A permit for well abandonment must be obtained.
 - 14. Ground water withdrawals from this project may affect streamflows, which may require an instream flow standard amendment.
 - 15. A Stream Channel Alteration Permit(s) is (are) required before any alteration(s) can be made to the bed and/or banks of a stream channel.
 - 16. A Stream Diversion Works Permit(s) is (are) required before any stream diversion works is (are) constructed or altered.
 - 17. A Petition to Amend the Interim Instream Flow Standard is required for any new or expanded diversion(s) of surface water.
 - 18. The planned source of water for this project has not been identified in this report. Therefore, we cannot determine what permits or petitions are required from our office, or whether there are potential impacts to water resources.
- OTHER:

As noted in previous reviews of the Waiale development project, ground water and surface water sources have been developed very nearly to the fullest available extent, with pending applications in competition for remaining water availability. A contested case hearing for surface water could reduce water availability still further.

If there are any questions, please contact Charley Ice at 587-0218.

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

TO: RUSSELL TSUJI, Administrator
Land Division

FROM: CARTY CHANG, Chief Engineer
Engineering Division

SUBJECT: Draft Environmental Assessment for the Central Maui Regional Park
Tax Map Key: (2) 3-8-007-101

Thank you for the comments of April 26, 2013 transmitting comments from the Commission on Water Resources Management, Division of State Parks, and Engineering Division. We offer the following in response to their comments:

Comments of the Commission on Water Resource Management

1. *We recommend coordination with the county to incorporate this project into the county's Water Use and Development Plan. Please contact the respective Planning Department and/or Department of Water Supply for further information.*

Response: We are coordinating our efforts with the Department of Water Supply to ensure that the subject project has an adequate supply of water. Along these lines, we will be incorporating an on-site well for irrigation and are exploring other non-potable sources of water.

2. *We recommend coordination with the Hawaii Department of Agriculture (HDOA) to incorporate the reclassification of agricultural zoned land and the redistribution of agricultural resources into the State's Agricultural Water Use and Development Plan (AWUDP). Please contact the HDOA for more information.*

Response: The reclassification of the land is being addressed as part of the overall Wai'ale development.

- 3. We recommend that water efficient fixtures be installed and water efficient practices implemented throughout the development to reduce the increased demand on the area's freshwater resources. Reducing the water usage of a home or building may earn credit towards Leadership in Energy and Environmental Design (LEED) certification. More information on LEED certification is available at <http://www.usgbc.org/leed>. A listing of fixtures certified by the EPA as having high water efficiency can be found at <http://www.epa.gov/watersense/>.*

Response: See our response to #1 above.

- 4. We recommend the use of best management practices (BMP) for stormwater management to minimize the impact of the project to the existing area's hydrology while maintaining on-site infiltration and preventing polluted runoff from storm events. Stormwater management BMPs may earn credit toward LEED certification. More information on stormwater BMPs can be found at <http://hawaii.gov/dbedt/czm/initiative/lid.php>.*

Response: We are incorporating BMPs in our stormwater management to minimize potential impacts. To minimize runoff from the site, we are incorporating an on-site stormwater detention basin.

- 5. We recommend the use of alternative water sources, wherever practicable.*

Response: See our response to item #1 above.

- 6. We recommend adopting landscape irrigation conservation best management practices endorsed by the Landscape Industry Council of Hawaii. These practices can be found online at [http://landscapehawaii.org/library documents/lich irrigation conservation bmps.pdf](http://landscapehawaii.org/library/documents/lich_irrigation_conservation_bmps.pdf).*

Response: We will be incorporating best practices with regards to landscape irrigation conservation.

- 7. The planned source of water for this project has not been identified in this report. Therefore, we cannot determine what permits or petitions are required from our office, or whether there are potential impacts to water resources.*

OTHER: As noted in previous reviews of the Wai'ale development project, ground water and surface water sources have been developed very nearly to the fullest available extent, with pending applications in competition for remaining water availability. A contested case hearing for surface water could reduce water availability still further.

Response: As noted previously, alternative sources of water from outside of the project area is being explored.

Comments from Division of State Parks: No comments

Comments from Engineering Division: Confirmation of Flood Hazard Zone.



STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2360
HONOLULU, HAWAII 96804

OFFICE OF SCHOOL FACILITIES AND SUPPORT SERVICES

April 22, 2013

Mr. Chester Koga, AICP
Planning Project Coordinator
R.M. Towill Corporation
2024 North King Street, Suite 200
Honolulu, Hawaii 96707

Dear Mr. Koga:

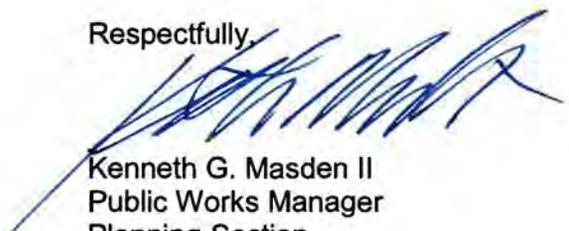
SUBJECT: Draft Environmental Assessment for Central Maui Regional Park, Maui

The Department of Education (DOE) has reviewed the Draft Environmental Assessment (DEA) for the proposed Central Maui Regional Park.

There is no question that new sports facilities will benefit the area proposed, including the site of a proposed middle school. The DEA doesn't make any reference to whether the proposed park is providing additional sports facilities or replacement sports facilities. Is the purpose of the park to facilitate the relocation of fields from other areas nearby? That would have a profound impact on school use of existing facilities. We would like to know how the creation of this park will impact the sports programs of Baldwin and Maui High School.

Thank you for this opportunity to offer our observations. Should you have any questions, please call Heidi Meeker of the Facilities Development Branch at 377-8301.

Respectfully,



Kenneth G. Masden II
Public Works Manager
Planning Section

KGM:jmb

c: Kathryn Matayoshi, Superintendent
Raymond L'Heureux, Assistant Superintendent
Duane Kashiwai, Public Works Administrator, FDB
Carty Chang, Engineering Division, DLNR

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

MAY 24 2013

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

TO: KENNETH G. MASDEN, II, Public Works Manager
Department of Education

FROM: WILLIAM J. AILA, JR., Chairperson *W. J. Aila, Jr.*

SUBJECT: Central Maui Regional Park Draft Environmental Assessment
Tax Map Key: (2) 3-8-007-101

Thank you for your comments of April 22, 2013 on the subject project. We offer the following in response to your inquiries.

1. *Whether the proposed park is providing additional sports facilities or replacement sport facilities. Is the purpose of the park to facilitate the relocation of fields from other areas nearby?*

Response: The facilities being planned are additional facilities that were required by the Maui community. There will be no relocation of facilities.

2. *How would the creation of this park impact the sports program of Baldwin and Maui High Schools?*

Response: The facilities being provided will not impact the sports program of Baldwin or Maui High Schools.

Thank you for taking the time to respond to this important project. Please contact Mr. Carty Chang at 587-0230, if you have additional comments.



**HISTORIC PRESERVATION DIVISION
DEPARTMENT OF LAND AND NATURAL RESOURCES**

STATE HISTORIC PRESERVATION DIVISION
601 KAMOKILA BOULEVARD, ROOM 555
KAPOLEI, HAWAII 96707

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

ESTHER KIA'AINA
FIRST DEPUTY

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

April 18, 2013

RM Towill Corporation
Attn: Chester Koga
2024 North King Street, Suite 200
Honolulu HI 96819

LOG NO: 2013.2550
DOC NO: 1304JP11

Aloha Mr. Koga,

**SUBJECT: Chapter 6E-8 Historic Preservation Review –
Draft Environmental Assessment (EA) for the Proposed Central Maui Regional Park
Wailuku and Waikapū Ahupua'a, Wailuku District, Island of Maui
TMK (2) 3-8-007:001 (por.)**

Thank you for the opportunity to comment on this draft EA, which we received April 2, 2013. The proposed project involves a 65-acre park with 9 ball fields, 4 soccer fields, comfort stations, parking, equipment storage, water reservoir, detention basin, maintenance facility, and landscaping. Our review will focus on the section summarizing the historic and archaeological resources of the project area.

Several archaeological projects have occurred in and around the project area. Some of the prior archaeological work is summarized in the draft EA, but much of the previous archaeological findings are not included. For example, not mentioned is an archaeological inventory survey conducted for approximately 607 acres which included this 65-acre project area (Tome and Dega 2010). The question as to whether this prior survey provides an adequate coverage of the park project area should be addressed in consultation with our office, and discussed in the EA.

The draft EA does not accurately depict the current status of the inadvertent burial discoveries within or near the project area. Preservation and burial treatment plans are pending for a number of burials identified during surveys and during archaeological monitoring activities within or immediately adjacent to the project area. Portions of the project area have been mass excavated during sand mining activities and human burial features were located during these excavations. To date, a number of archaeological monitoring reports documenting these significant finds have not been completed or have not been submitted to our office for review.

We request that the Historic and Archaeological Resources section be updated and expanded to more accurately reflect what is known about the historic properties in and adjacent to this project area. We believe the proposed project has the potential to adversely affect historic properties and that further attention is required at the planning stage to identify and preserve known historic properties as well as areas with a high potential to contain additional burials. Please contact Jenny Pickett at (808) 243-5169 or Jenny.L.Pickett@hawaii.gov if you have questions regarding this letter.

Mahalo,

Theresa K. Donham
Archaeology Branch Chief

cc: Department of Planning (planning@mauicounty.gov); County of Maui DSA fax: (808) 270-7972
DLNR State Parks Attn: Holly McEldowney (Holly.McEldowney@hawaii.gov)

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

ENGINEERING DIVISION
POST OFFICE BOX 373
HONOLULU, HAWAII 96809

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

ESTHER KIA'AINA
FIRST DEPUTY DIRECTOR

WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

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

June 1, 2013

TO: Theresa K. Donham
Archaeology Branch Chief
Historic Preservation Division

FROM: *fw* Carty Chang, Chief Engineer *Myra*
Engineering Division

SUBJECT: CENTRAL MAUI REGIONAL PARK
DRAFT ENVIRONMENTAL ASSESSMENT
TAX MAP KEY: (2) 3-8-007-101

Thank you for your comments of April 18, 2013, on the subject project. We offer the following observations in response to your comments:

Several archaeological projects have occurred in and around the project area. Some of the prior archaeological work is summarized in the draft EA, but much of the previous archaeological findings are not included. For example, not mentioned is an archaeological inventory survey conducted for approximately 607 acres which included this 65-acre project area (Tome and Dega 2010). The question as to whether this prior survey provides an adequate coverage of the park project area should be addressed in consultation with our office, and discussed in the EA.

Response: Section 6.3 Historic and Archaeological Resources has been revised to address the findings from the Archaeological Inventory Survey performed by Scientific Consultant Services, Inc. in 2010. We will continue to work in consultation with your office through the planning and construction process.

The draft EA does not accurately depict the current status of the inadvertent burial discoveries within or near the project area. Preservation and burial treatment plans are pending for a number of burials identified during surveys and during archaeological monitoring activities within or immediately adjacent to the project area. Portions of the project area have been mass excavated during sand mining activities and human burial features were located during these excavations. To date, a number of archaeological monitoring reports documenting these significant finds have not been completed or have not been submitted to our office for review.

Memo to Theresa K. Donham
Central Maui Regional Park
June 1, 2013
Page 2 of 2

Response: Section 6.3 has been revised to identify the previous inadvertent burial discoveries. The only known site found within the project area, Site 50-50-04-6578, is an *imu* of relatively late use, most probably from the traditional period. No further work is recommended. Sites pending preservation and burial treatment plans outside of the project area, as well as the sand mining, are outside the project area and scope of this EA with the exception of Site -6578.

We request that the Historic and Archaeological Resources section be updated and expanded to more accurately reflect what is known about the historic properties in and adjacent to this project area. We believe the proposed project has the potential to adversely affect historic properties and that further attention is required at the planning stage to identify and preserve known historic properties as well as areas with a high potential to contain additional burials.

Response: See above responses to Section 6.3.

Thank you for taking the time to respond to this important project. Please contact me if you have additional comments.