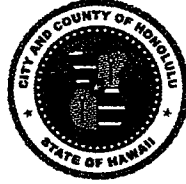


DEPARTMENT OF PLANNING AND PERMITTING
KA 'OIHANA HO'OLĀLĀ A ME NĀ PALAPALA 'AE
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-6041 • WEBSITE: honolulu.gov/dpp

RICK BLANGIARDI
MAYOR
MEIA



DAWN TAKEUCHI APUNA
DIRECTOR
PO'O

BRYAN GALLAGHER, P.E.
DEPUTY DIRECTOR
HOPE PO'O

REGINA MALEPEAI
2ND DEPUTY DIRECTOR
HOPE PO'O KUALUA

August 22, 2024

The Honorable Tommy Waters
Chair and Presiding Officer
and Members
Honolulu City Council
530 South King Street, Room 202
Honolulu, Hawaii 96813

Dear Chair Waters and Councilmembers:

**SUBJECT: Central O'ahu Public Infrastructure Map (PIM) Revision
for the Honolulu Board of Water Supply (BWS)
Waiawa 228 Reservoir Facility (2023/PIM-4)**

Transmitted for appropriate action is the Department of Planning and Permitting's (DPP) Report and Recommendation for approval to add a Water Reservoir (RES) symbol to the Central O'ahu PIM. The addition of the PIM symbol will allow the appropriation of funds for the BWS to construct the Waiawa 228 Reservoir Facility. The site is located adjacent to the H-2 Interstate Freeway at the foot of Waiawa Ridge in Pearl City, on approximately 7.7 acres of Tax Map Key 9-6-004: 024.

The BWS plans to build three reservoirs to provide potable water storage for the BWS Metro Low distribution system. The addition of reservoir capacity will improve reliability and decrease stress on the system. Reservoir facilities allow for stabilized rates of water pumping, and water stored during periods of low demand is utilized during peak demand hours.

The DPP will forward any late comments received to the City Council.

The Honorable Tommy Waters
Chair and Presiding Officer
and Members
August 22, 2024
Page 2

Should you have any questions, please contact me at (808) 768-8000.

Very truly yours,

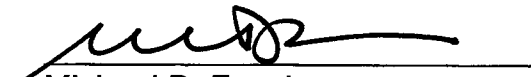


Dawn Takeuchi Apuna
Director

Enclosures: DPP Report and Recommendation
Draft Resolution

cc: Ernest Y. W. Lau, P.E., Manager and Chief Engineer
BWS

APPROVED:


Michael D. Formby
Managing Director

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

STATE OF HAWAII

IN THE MATTER OF THE APPLICATION)
)
 OF)
)
 THE HONOLULU BOARD OF)
 WATER SUPPLY)
)

FILE NO. 2023/PIM-4

REVIEW AND RECOMMENDATION PERTAINING TO A REVISION TO
THE CENTRAL O'AHU PUBLIC INFRASTRUCTURE MAP FOR BUILDING THE
WAIAWA 228 RESERVOIR FACILITY

I. APPLICATION

A. Basic Information:

PROJECT:	Proposed Revision to the Central O'ahu Public Infrastructure Map (PIM) for the Waiawa 228 Reservoir Facility
APPLICANT:	The Honolulu Board of Water Supply (BWS)
PIM LOCATION:	Waiawa area of Pearl City. The site is located adjacent to the H-2 Interstate Freeway at the foot of Waiawa Ridge on an approximately 7.7 acre (to be determined during design) portion of Tax Map Key (TMK) 9-6-004: 024 (Attachment 1)
STATE LAND USE DISTRICT:	Agricultural
ZONING:	AG-1 Agricultural District (Attachment 1)
DEVELOPMENT PLAN:	Central O'ahu Sustainable Communities Plan (SCP)
SPECIAL DISTRICT:	Not in a City Special District
SHORELINE SETBACK:	Not in the Shoreline Setback Area
SPECIAL MANAGEMENT AREA (SMA):	Not within the SMA
FLOOD HAZARD DISTRICT:	Zone X (Area outside 0.2 percent annual chance of flood plain [Attachment 1])

SURROUNDING USES: Undeveloped agriculture land. The site is east of the Waipi'o Gentry development and northwest of the Pearl City Industrial Park.

- B. Proposal: The BWS has submitted an application to amend the Central O'ahu PIM in order to add a Water Reservoir (RES) PIM symbol for the Waiawa 228 Reservoir Facility (Project). The RES PIM symbol would allow for the allocation of budgeted funds to build the proposed Project.

The BWS proposes construction of a new 8.5 million-gallon (MG) reservoir facility in the Waiawa area of Pearl City, including site grading, access roadway, and associated infrastructure to help offset the existing 55 MG storage deficit in the Metro Low System identified in the BWS Water Master Plan (2016). Preliminary plans for the facility call for three (3) reservoirs: one (1) 2.0 MG reservoir, one (1) 2.5 MG reservoir, and one (1) 4.0 MG reservoir.

Planning funds are allocated for fiscal years 2026 and 2029 (FY26, FY29). Construction funds are budgeted for FY29-FY32. The total project cost is \$4,000,000 in less than six years and \$50,450,000 beyond six years.

- C. Background and Basis of Request: The Project is consistent with the Central O'ahu SCP, and supports BWS operations by maintaining the water resource and distribution system throughout O'ahu. Reservoir facilities allow for stabilized rates of water pumping. Water stored during periods of low demand is utilized during peak demand hours. Pumps operate to refill the reservoirs when stored water decreases to a predetermined level. Water storage facilities help to maintain service continuity and reduces stress on the system during periods of peak demand. Reservoir storage also supplies water to the distribution system when pumping is unavailable. The addition of the proposed reservoir capacity will improve reliability and decrease stress on the system.

II. FINDINGS OF FACT

On the basis of the evidence presented, the Director of the Department of Planning and Permitting (DPP) has found:

- A. Description of Site and/or Surrounding Land Uses: The subject facility is proposed for approximately 7.7 acres of TMK 9-6-004: 024 to include 3.7 acres for a reservoir site, with an additional approximate 4.0 acres for the construction of access roads and utility lines. These figures are estimates and will be finalized during the project design. The parcel is owned by the Bernice Pauahi Bishop Trust Estate (dba Kamehameha Schools).

The site is located on undeveloped agricultural land, adjacent to the H-2 Interstate Freeway at the foot of Waiawa Ridge. To the west of the site is the H-2 freeway and beyond, the Waipi'o Gentry development. To the southeast is the Pearl City Industrial Park. Immediately surrounding the site to the north, east, and south is agricultural land, not in active use.

- B. Other Permits and/or Approvals Required: All required permits and approvals will be determined during the planning, engineering, and construction phase for the Project. Relevant regulatory provisions are as follows:

1. The BWS facility is a public use and structure that is permitted in the AG-1 Agricultural District. A Zoning Waiver will be required prior to the construction of the proposed facility.
2. The Central O'ahu SCP Land Use Map shows a proposed park and intermediate and/or middle school in the general vicinity of the proposed RES symbol location. The BWS should consult with the landowner to ensure compatibility of these facilities and ensure there is no conflict with their other plans for the property.
3. The proposed Project site was involved in a State Land Use Boundary Amendment (Docket No. A87-610) approving urban uses for a majority of the parcel. However, the indicated Project site is not in an area slated for development.
4. Nearly 600 acres of the mauka portion of the Project site has been approved for solar energy use. Depending on the timing and installation of the solar arrays and operations, care should be taken to ensure no erosion and sedimentation occurs that might flow into the reservoir. Having the full property under one ownership should ensure effective responsibility to avoid such potential impacts.
5. The Project must comply with the prevailing soil erosion and storm water quality standards ("Rules Relating to Water Quality") and storm drainage standards ("Storm Drainage Standards"), and compliance will be verified at the time that the grading plans are submitted to DPP for review.

C. Public Agency Notification and/or Comments: On January 4, 2024, the DPP requested the following public agencies to evaluate the impact of the proposed revision to the Central O'ahu PIM in terms of their facilities and services. Rows without an 'X' indicate the DPP did not receive a response. For those agencies that did respond, comments in their entirety are included in Attachment 2. Written comments received after the writing of this report will be forwarded to the City Council via a separate transmittal.

Agency / Organization	Written Comment or Concerns	No Comment, Objections, or Impacts
City Agencies		
Department of Budget and Fiscal Services		
Department of Community Service		
Department of Customer Services	X	
Department of Design and Construction		X
Department of Emergency Management		X
Department of Environmental Services		X
Department of Facility Maintenance		X
Department of Land Management		
Department of Parks and Recreation		
Department of Transportation Services		
Honolulu Emergency Services Department		
Honolulu Fire Department		X

Agency / Organization	Written Comment or Concerns	No Comment, Objections, or Impacts
Honolulu Police Department		
Neighborhood Commission Office		
Office of Climate Change, Sustainability, and Resiliency		
State Agencies		
Department of Education		
Department of Health		
Department of Human Services		
O'ahu Metropolitan Planning Organization		
Office of Planning		
Public Safety		

- D. Community and Adjoining Property Owners Notification and/or Comments: On January 4, 2024, the DPP sent out a request for comments with an attached summary description of the proposed Project along with a location map of the proposed revision of the Central O'ahu PIM to property owners within approximately 300 feet of the Project site. A copy of the project summary and the location map is included in Attachment 1.

Jason Nakata, a Project consultant for the BWS, presented the proposed Project to the Pearl City Neighborhood Board No. 21 on August 22, 2023, and the board members did not have any questions.

No community comments were received prior to the signing of this report. Any comments received by the DPP after the writing of this report will be forwarded to the City Council via a separate transmittal.

III. ANALYSIS

- A. Authority: Pursuant to Revised Ordinances of Honolulu, 2021 (ROH), Section 4-8.1, revisions of PIMs shall be made for major public infrastructure projects as enumerated in ROH Section 4-8.3(a), and which meet the major public facility criteria set forth in ROH Section 4-8.4. The proposed revision meets the aforementioned criteria because the construction of a reservoir is a project that would require a RES symbol to be shown on the Central O'ahu PIM in order to encumber City funds.
- B. Justification: The BWS has identified that the construction of the proposed Project for adequate reservoir storage minimizes fluctuations in water pressure, provides water for emergencies, and helps to meet peak consumption demands.

According to ROH Section 4-8.1, symbols for major public facilities for a development plan area must be shown on the applicable PIM prior to the appropriation of construction funds. The addition of a RES symbol to the Central O'ahu PIM would allow for the appropriation of funds in the City's Executive Capital Budget to be used by the BWS to build the subject reservoirs for system-wide improvement, for the reasons stated above.

C. Conformance with Land Use Plans, Policies, and Regulations: The proposed Project is consistent with State and City land use plans, policies, and regulations.

1. State Land Use Law, Hawaii Revised Statutes (HRS) Chapter 205: The proposed Project is in the State Agricultural District. Public facilities, such as reservoirs are allowed uses within the Agricultural District, pursuant to HRS Section 205-4.5(7).
2. HRS Chapter 343 and Hawaii Administrative Rules Title 11, Chapter 200.1, Environmental Impact Statement: The proposed PIM amendment does not trigger the requirements for environmental review per HRS Chapter 343. However, the use of County lands and funds triggers the requirement for an environmental assessment. The Final Environmental Assessment was published in August 2023 and a Finding of No Significant Impact included in The Environmental Notice (September 8, 2023).
3. O'ahu General Plan of the City and County of Honolulu, Resolution No. 21-23, CD1: The proposed Project is most consistent and supportive of the following O'ahu General Plan objectives and policies:

Chapter I. Population

Objective A: To plan for anticipated population in a manner that acknowledges the limits of O'ahu's natural resources, protects the environment, and minimizes social, cultural, and economic disruptions.

Policy 1 Allocate efficiently the money and resources of the City in order to meet the needs of O'ahu's current and future population.

Chapter III. Physical Development and Urban Design

Objective B: To preserve and enhance the natural monuments and scenic views of O'ahu for the benefit of both resident and visitors.

Policy 3 Locate roads, highways, and other public facilities and utilities in areas where they will least obstruct important views of the mountains and the sea.

Chapter V. Transportation and Utilities

Objective B: Provide an adequate supply of water and environmentally sound systems of waste disposal for O'ahu's existing population and for future generations, and support a one water approach that uses and manages freshwater, wastewater, and stormwater resources in an integrated manner.

Policy 3 Use technologies that provide water, waste disposal, and recycling services at a reasonable cost and in a manner that addresses environmental and community impacts.

Objective C: To ensure reliable, cost-effective, and responsive service for all utilities with equitable access for residents.

- | | |
|----------|--|
| Policy 1 | Maintain and upgrade utility systems in order to avoid major breakdowns and service interruptions. |
| Policy 2 | Provide improvements to utilities in existing neighborhoods to reduce substandard conditions and increase resilience to use fluctuations [...] |
| Policy 3 | Facilitate timely and orderly upgrades and expansions of utility systems. |

Chapter IX. Health and Education

Objective A: To protect the health and well-being of residents and visitors.

- | | |
|----------|---|
| Policy 3 | Coordinate City health codes and other regulations with State and Federal health codes to facilitate the enforcement of air-, water-, and noise pollution controls. |
|----------|---|

The proposed PIM amendment is consistent with the above policies by facilitating the construction of a new reservoir facility in the Waiawa area of Pearl City to offset the existing storage deficit in its Metro Low System identified in the BWS 2016.

4. Central O'ahu SCP, City and County of Honolulu, Ordinance 21-6: The proposed RES symbol to the Central O'ahu PIM is consistent with the Central O'ahu SCP. The SCP describes Central O'ahu as a region of moderate growth, with a projected increase in population through 2035 as existing areas zoned for residential development and served by infrastructure are built out, and development begins on the remaining master planned areas. The demand for potable water will similarly increase, but to a lesser extent due to the decreasing trend in per capita demand as a result of water conservation. The proposed Project is most consistent and supportive of the following Central O'ahu SCP policy:

4.2.1 Adequacy of Water Supply

- Adequacy of Water Supply: confirm adequacy of existing capacity at the time of land subdivision or building permit applications for existing lots.

The subject PIM amendment is supportive of the above policy, as it will allow the BWS to build a new reservoir facility to improve and increase reliability of the water distribution system.

5. ROH Chapter 25 (as amended by Ordinance 23-4), SMA Ordinance and ROH Chapter 26 (as amended by Ordinance 23-3), Shoreline Setbacks Ordinance: The proposed Project is outside of the shoreline setback area and SMA and thus not subject to ROH Chapter 25 and 26.

6. ROH Chapter 21A, Flood Hazard Areas: The site, located adjacent to the H-2 Interstate Freeway at the foot of Waiawa Ridge, is located within the Federal Emergency Management Agency Flood Insurance Rate Map Zone X (Area outside 0.2 percent annual chance of flood plain) (see map in Attachment 1).
7. Sea Level Rise (SLR): Per Mayor's Directive 18-2 and in accordance with the Honolulu Climate Change Commission's Sea Level Rise Guidance (June 2018, updated July 2022) and Updated Sea Level Rise Memo (January 2023), public and critical infrastructure shall be reviewed for potential impacts from climate change and SLR. The proposed Project site is outside of the 3.2-foot SLR Exposure Area and the 6-foot SLR inundation area.
8. ROH Chapter 21, Land Use Ordinance: The subject parcel is zoned AG-1 Restricted Agricultural District. The reservoir facility is considered a "public use and structure", therefore, permitted in all zoning districts.

IV. RECOMMENDATION

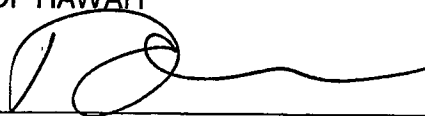
Based on the foregoing findings of fact and analysis, we recommend that a revision to the Central O'ahu PIM for the Waiawa 228 Reservoir construction be APPROVED, as shown on the map marked Exhibit A in the attached Draft Resolution.

The DPP recommends that the BWS continue to coordinate with City and State agencies in the planning process of the Project, including applicable permits, approvals, and future site impacts described in this report.

Dated at Honolulu, Hawai'i, this 22nd of August 2024.

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU
STATE OF HAWAII

By


Dawn Takeuchi Apuna
Director

Attachments

ATTACHMENT 1

PROJECT SUMMARY

LOCATION MAP

ZONING MAP

FLOOD HAZARD MAP

Ref. No.: 2023/PIM-4
NB Area: Pearl City NB No. 21
Area: Approximately 7.7 acres
TMK: (1) 9-6-004: 024

**PROPOSED REVISION TO THE
CENTRAL O'AHU PUBLIC INFRASTRUCTURE MAP**

Project Title: Waiawa 228 Reservoir Facility

Request: Revise the Central O'ahu Public Infrastructure Map (PIM) to add a Water Reservoir (RES) symbol for reservoir construction in the Waiawa area of Pearl City, in accordance with Section 4-8 of the 2021 Revised Ordinances of Honolulu.

Requested By: The Honolulu Board of Water Supply (BWS)

Description of Project: The project will be used to provide potable water storage for the BWS Metro Low distribution system.

Project Cost: Planning funds are allocated for fiscal years 2026 and 2029 (FY26, FY29). Construction funds are budgeted for FY29-FY32. The total project cost (in thousands of dollars) is \$4,000K in less than 6 years and \$50,450K beyond 6 years.

Project Location: The proposed facility will be located on a 7.7 acres portion of TMK Parcel (1) 9-6-004: 024, including the reservoir site and access roads. The site is located adjacent to the H-2 Interstate Freeway at the foot of Waiawa Ridge. The site is east of the Waipio Gentry development and northwest of the Pearl City Industrial Park.

Land Ownership: Bernice Pauahi Bishop Trust Estate (dba Kamehameha Schools)

Basis of Request: The project is consistent with the Central O'ahu Sustainable Communities Plan. It will provide potable water storage, supporting the existing BWS water distribution system. The increased reservoir storage will improve reliability and decreases stress on the system.

Public Infrastructure Map Designation: The subject project is for a Reservoir (RES) symbol. Other symbols on the Central O'ahu PIM within proximity of the project site are: (P 008) for Central O'ahu Regional Park (Waiola Sports Complex), PIM symbol (RES 001) for Waipahu 228 Reservoir No. 3, PIM symbol (TS 028) for Waikele Park and Ride and Public Service Center; and PIM symbol (GB044) for Central O'ahu Ambulance Facility.

Zoning: AG-1 Agricultural District

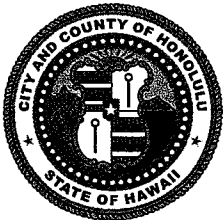
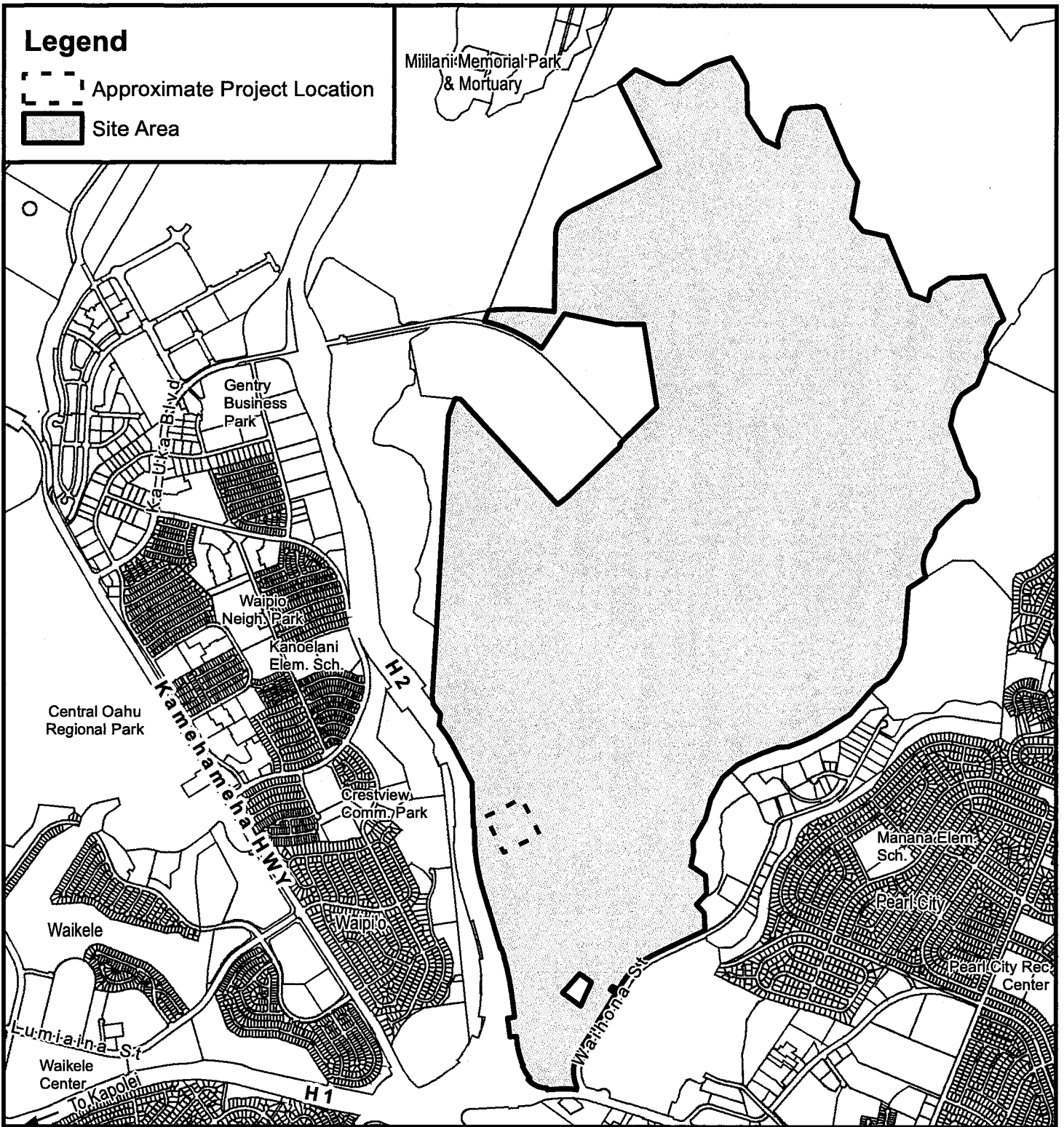
State Land Use Designation: Agricultural

Special Management Area: Outside of the Special Management Area

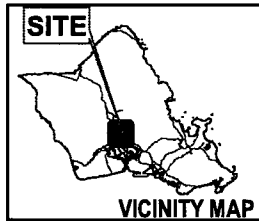
Existing Use: Undeveloped (formerly sugar cane cultivation)

Legend

-  Approximate Project Location
-  Site Area



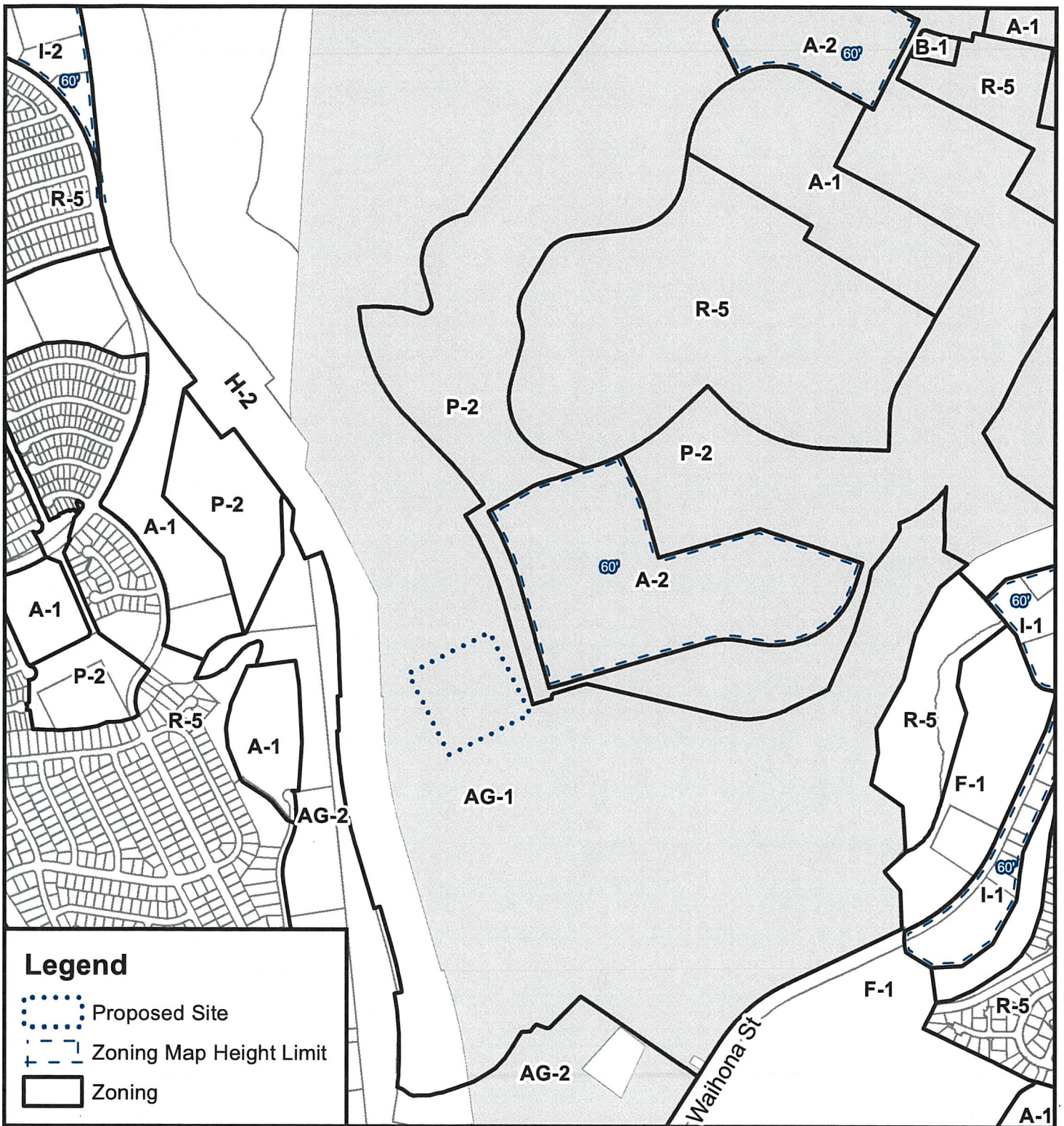
0 2,500 5,000
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LOCATION MAP WAIAWA RESERVOIR 228 FACILITY

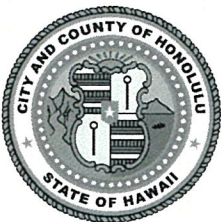
TAX MAP KEY: 9-6-004:024

FOLDER NO.: 2023/PIM-4



Legend

- Proposed Site
- Zoning Map Height Limit
- Zoning



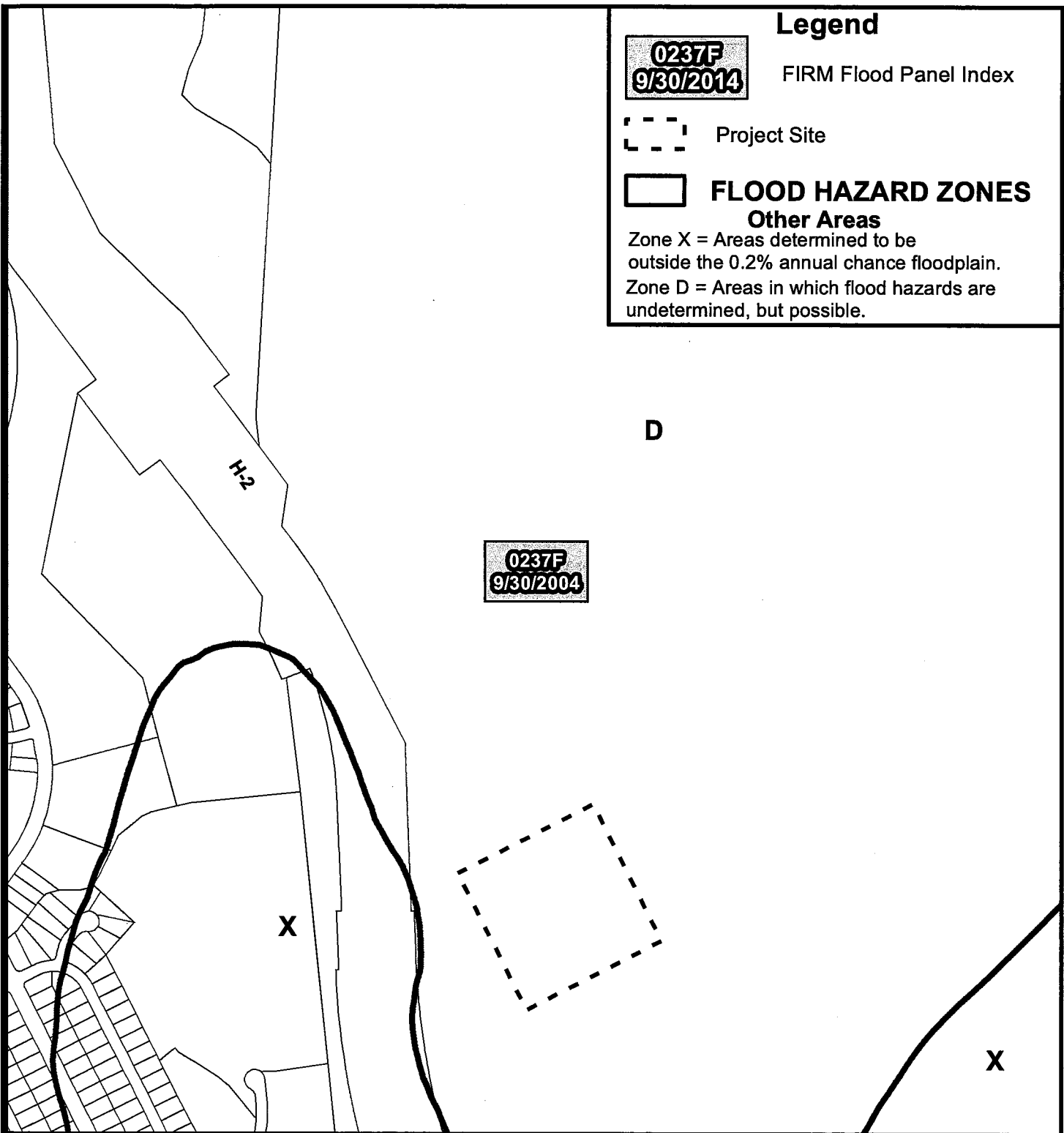
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Scale in feet



Portion of ZONING MAP WAIPIO (CRESTVIEW)

TAX MAP KEY: 9-6-004:024

FOLDER NO.: 2023/PIM-4



Legend

0237F
9/30/2014

FIRM Flood Panel Index



Project Site

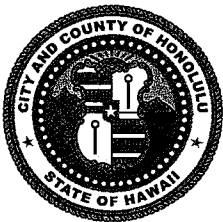


FLOOD HAZARD ZONES

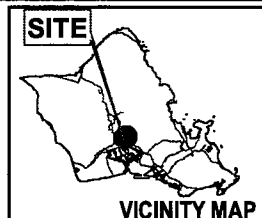
Other Areas

Zone X = Areas determined to be outside the 0.2% annual chance floodplain.

Zone D = Areas in which flood hazards are undetermined, but possible.



0 600 1,200
Scale in feet



Portion of FLOOD HAZARD MAP

Waiawa

FIRM Panel 15003C0237F

Dated 9/30/2014

TAX MAP KEY: 9-6-004:024

FOLDER NO.: 2023/PIM-4

ATTACHMENT 2

AGENCY & COMMUNITY COMMENTS

From: Cole, Noelle C <noelle.cole@honolulu.gov>
Sent: Monday, January 29, 2024 1:19 PM
To: Jacinto-Kawabata, Marie <m.jacinto-kawaba@honolulu.gov>
Cc: Costelo, Tracie A <tracie.costelo@honolulu.gov>
Subject: RE: 2023/PIM-4

Received, thank you!



Noelle Cole
Branch Chief, Policy Planning
Department of Planning and Permitting
City and County of Honolulu
ph: (808) 768-8055

From: Jacinto-Kawabata, Marie <m.jacinto-kawaba@honolulu.gov>
Sent: Monday, January 29, 2024 11:56 AM
To: Cole, Noelle C <noelle.cole@honolulu.gov>
Subject: 2023/PIM-4

Aloha Ms. Cole,

Director Toiya has no comments to the Waiawa 228 Reservoir (Project).

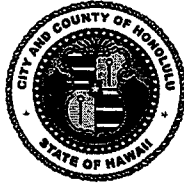
Mahalo,

Marie Jacinto-Kawabata
Office Assistant
City & County of Honolulu
Department of Emergency Management
Office: (808) 723-8960
Fax: (808) 768-1492

**HONOLULU FIRE DEPARTMENT
KA 'OIHANA KINAI AHI O HONOLULU
CITY AND COUNTY OF HONOLULU**

636 SOUTH STREET • HONOLULU, HAWAII 96813
PHONE: (808) 723-7139 • FAX: (808) 723-7111 • WEBSITE: honolulu.gov

2024 JAN 24 PM 1:24
RICK BLANGIARDI
MAYOR CITY & COUNTY OF HONOLULU
MEIA



SHELDON K. HAO
FIRE CHIEF
LUNA NUI KINAI AHI

JASON SAMALA
DEPUTY FIRE CHIEF
HOPE LUNA NUI KINAI AHI

January 23, 2024

TO: DAWN TAKEUCHI APUNA, DIRECTOR
DEPARTMENT OF PLANNING AND PERMITTING

ATTN: DINA WONG, CHIEF
PLANNING DIVISION

FROM: SHELDON K. HAO, FIRE CHIEF

SUBJECT: CENTRAL O'AHU PUBLIC INFRASTRUCTURE MAP REVISION FOR
THE WAIAWA 228 RESERVOIR PROPERTY
PROJECT FILE NUMBER 2023/PIM-4

In response to your memorandum dated January 4, 2024, regarding the abovementioned subject, the Honolulu Fire Department reviewed the summary description and location map and has no comments or concerns.

Should you have questions, please contact Assistant Chief Kevin Mokulehua of our Planning and Development division at kmokulehua@honolulu.gov or 808-723-7106.

A handwritten signature in black ink, appearing to be "SH", is written over the typed name of Sheldon K. Hao.

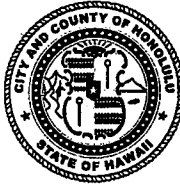
for SHELDON K. HAO
Fire Chief

SKH/KM:ts

DEPARTMENT OF COMMUNITY SERVICES
KA 'OIHANA LAWELAWE KAIĀULU
CITY AND COUNTY OF HONOLULU

925 DILLINGHAM BOULEVARD, SUITE 200 • HONOLULU, HAWAII 96817
PHONE: (808) 768-7762 • FAX: (808) 768-7792 • WEB: www.honolulu.gov

RICK BLANGIARDI
MAYOR
MEIA



2024 JAN 24 PM 1:11
CITY & COUNTY OF HONOLULU

ANTON C. KRUCKY
DIRECTOR
PO'O

AEDWARD LOS BANOS
DEPUTY DIRECTOR
HOPE PO'O

January 23, 2024

MEMORANDUM

TO: Dina L.T. Wong, Chief
Planning Division
Department of Planning and Permitting (DPP)

FROM: Anton C. Krucky, Director
Department of Community Services (DCS)

SUBJECT: Central O'ahu Public Infrastructure Map (PIM) Revision for the
Waiawa 228 Reservoir Property
Project File Number: 2023/PIM-4
TMKs: (1) 9-6-004:024

Thank you for notifying us that DPP is soliciting comments on the proposed PIM revision for the above-named project.

Our review indicates that the proposed project is located less than two miles away from properties that DCS leases out for the provision of special needs housing. While we would normally consider this a safe distance, given the nature and location of the proposed project, DCS would like to share their locations out of an abundance of caution:

- 1174 Waimano Home Road, Pearl City, HI 96782
- 94-60 Poailani Circle, Waipahu, HI 96797
- 94-827 Kuhaulua Street, Waipahu, HI 96797

We respectfully ask that this project take into consideration the health, safety, accessibility, and long-term wellbeing of residents and others living nearby and/or involved with activities in the surrounding neighborhood.

Thank you for providing us the opportunity to comment on this matter.

Sincerely,

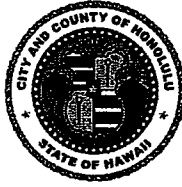
A handwritten signature in black ink, appearing to read "Anton C. Krucky".

Anton C. Krucky
Director

DEPARTMENT OF DESIGN AND CONSTRUCTION
KA 'OIHANA HAKULAU A ME KE KĀPILI
CITY AND COUNTY OF HONOLULU

850 SOUTH KING STREET, 11TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8480 • FAX: (808) 768-4567 • WEBSITE: honolulu.gov

RICK BLANGIARDI
MAYOR
MEIA



HAKU MILLES, P.E.
DIRECTOR
PO'O

BRYAN GALLAGHER, P.E.
DEPUTY DIRECTOR
HOPE PO'O

January 22, 2024

MEMORANDUM

TO: Dina L.T. Wong, Chief
Planning Division
Department of Planning and Permitting

FROM: *Bryan Gallagher*
for Haku Milles, P.E., LEED AP, Director
Department of Design and Construction

SUBJECT: Central O'ahu Public Infrastructure Map (PIM) Revision for the
Waiawa 228 Reservoir Property

This is in response to your inquiry dated January 4, 2024 regarding Central O'ahu Public Infrastructure Map (PIM) Revision for the Waiawa 228 Reservoir Property.

Thank you for the opportunity to review and comment. The Department of Design and Construction has no comments to offer at this time.

Should you have any questions, please contact me at x88480.

HM:krm (915034)

DEPT OF PLANNING
AND PERMITTING
CITY AND COUNTY OF HONOLULU

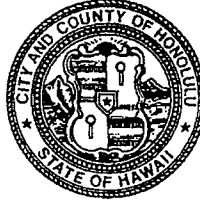
24 JAN 24 P 3:39

RECEIVED

DEPARTMENT OF FACILITY MAINTENANCE
KA 'OIHANA MĀLAMA HALE
CITY AND COUNTY OF HONOLULU

1000 ULU'OHIA STREET, SUITE 215, KAPOLEI, HAWAII 96707
PHONE: (808) 768-3343 • Fax: (808) 768-3381 • WEBSITE: honolulu.gov

RICK BLANGIARDI
MAYOR
MEIA



GENE C. ALBANO, P.E.
DIRECTOR AND CHIEF ENGINEER
PO'O A ME LUNA NUI 'ENEKINIA

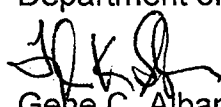
WARREN K. MAMIZUKA
DEPUTY DIRECTOR
HOPE PO'O

IN REPLY REFER TO:
DRM 24-22

January 19, 2024

MEMORANDUM

TO: Diana L.T. Wong, Chief
Planning Division
Department of Planning and Permitting

FROM:  Gene C. Albano, P.E.
Director and Chief Engineer
Department of Facility Maintenance

SUBJECT: Central Oahu Public Infrastructure Map (PIM) Revision for the
Waiawa 228 Reservoir Property

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

We have no comments at this time, as we do not have any facilities or easements on the subject property.

If you have any questions, please call Mr. Kyle Oyasato of the Division of Road Maintenance at (808) 768-3697.

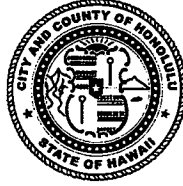
2024 JAN 19 PM 3:15
CITY & COUNTY OF HONOLULU

**DEPARTMENT OF ENVIRONMENTAL SERVICES
KA 'OIHANA LAWELawe KAIĀPUNI
CITY AND COUNTY OF HONOLULU**

2024 JAN 17 PM 12:22

1000 ULU'ŌHI'A STREET, SUITE 308 • KAPOLEI, HAWAII 96707
PHONE: (808) 768-3486 • FAX: (808) 768-3487 • WEBSITE: honolulu.gov

RICK BLANGIARDI
MAYOR
CITY AND COUNTY OF HONOLULU
MEIA



ROGER BABCOCK, JR., Ph.D., P.E.
DIRECTOR
PO'O

MICHAEL O'KEEFE
DEPUTY DIRECTOR
HOPE PO'O

IN REPLY REFER TO:
PRO 24-007

January 11, 2024

MEMORANDUM

TO: Dawn Takeuchi Apuna, Director
Department of Planning and Permitting

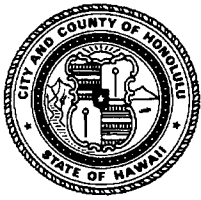
VIA: Dina L.T. Wong, Chief
Department of Planning and Permitting, Planning Division

FROM: 
Roger Babcock, Jr., Ph.D., P.E.
Director

SUBJECT: Central O'ahu Public Infrastructure Map (PIM) Revision for the Waiawa
228 Reservoir Property

The Department of Environmental Services ("ENV") has reviewed the proposed revision of the Public Infrastructure Map ("PIM"). ENV has no facilities in the immediate vicinity of the project area, and no comments on the proposed project or PIM revision.

Should you have any questions, please call Paul Christiansen, Civil Engineer, at (808) 768-3470 or p.christiansen@honolulu.gov.



HONOLULU CITY COUNCIL
KE KANIHELA O KE KALANA O HONOLULU
CITY AND COUNTY OF HONOLULU

No. _____

RESOLUTION

ADOPTING A REVISION TO THE PUBLIC INFRASTRUCTURE MAP FOR THE CENTRAL O'AHU SUSTAINABLE COMMUNITIES PLAN AREA.

WHEREAS, the City Council ("Council") adopted the Public Infrastructure Map ("PIM") for the Central O'ahu Sustainable Communities Plan ("CO SCP") area by Resolution 03-63, CD1; and

WHEREAS, Revised Ordinances of Honolulu 2021 ("ROH"), Chapter 4, Article 8, requires a major public facility, including a water reservoir, to be shown on the appropriate PIM for a development plan area before the Council may appropriate funds for land acquisition for or construction of the facility; and

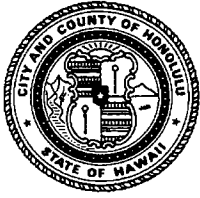
WHEREAS, the Honolulu Board of Water Supply ("BWS") has requested a revision to the PIM for the CO SCP area to add a water reservoir symbol for the construction of the Waiawa 228 Reservoir Facility to provide for adequate potable water storage, which minimizes fluctuations in water pressure, provides water for emergencies, and helps to meet peak consumption demands; and

WHEREAS, the BWS plans to construct a new 8.5 million-gallon ("MG") reservoir facility, including site grading, an access roadway, and associated infrastructure to help offset the existing 55 MG storage deficit in the Metro Low System identified in the BWS 2016 Water Master Plan (the "Project"); and

WHEREAS, the Project site is undeveloped and located adjacent to the H-2 Interstate Freeway at the foot of Waiawa Ridge in Pearl City on an approximately 7.7-acre portion of Tax Map Key 9-6-004:024, owned by Bernice Pauahi Bishop Trust Estate (dba Kamehameha Schools), as shown on Exhibit A attached hereto and incorporated by reference herein; and

WHEREAS, the proposed Project is consistent with the O'ahu General Plan, the CO SCP, and applicable functional plans by improving the reliability and decreasing stress on O'ahu's water distribution system; and

WHEREAS, the Council finds that the proposed Project will provide a public benefit, and that the addition of a water reservoir symbol on the PIM for the CO SCP area is warranted and appropriate; now, therefore,



HONOLULU CITY COUNCIL
KE KANIHELA O KE KALANA O HONOLULU
CITY AND COUNTY OF HONOLULU

No. _____

RESOLUTION

BE IT RESOLVED by the Council of the City and County of Honolulu that the PIM for the Central O'ahu Sustainable Communities Plan area is revised to add a symbol for a water reservoir in the vicinity of the H-2 Interstate Freeway at the foot of Waiawa Ridge in Pearl City, as shown on Exhibit A attached hereto and incorporated by reference herein; and

BE IT FURTHER RESOLVED that the Department of Planning and Permitting may delete the water reservoir symbol added by this resolution from the PIM by administrative procedure upon completion of the Project, pursuant to ROH § 4-8.2(b); and

BE IT FINALLY RESOLVED that copies of this resolution be transmitted to Dawn Takeuchi Apuna, Director of Planning and Permitting, and Ernest Y. W. Lau, P.E., Manager and Chief Engineer, Honolulu Board of Water Supply.

INTRODUCED BY:

DATE OF INTRODUCTION:

Honolulu, Hawai'i

Councilmembers

Legend

PUBLIC FACILITY - PIM LINES

DRAINAGE SYSTEM D — D

ARTERIAL ROADWAY R - - - R

RAPID TRANSIT CORRIDOR RTC ●●●●● RTC

PUBLIC FACILITY - PIM POLYGONS

CONCEPTUAL LOCATION TS

EXAMPLE: 024 = SYMBOL NO.

RES - RESERVOIR

TS - TRANSIT STATION

CY - CORPORATE YARD

2023/PIM-4

ADD: RESEVOIR

RES

028

TS

H-1

028

R

042

RTC

042

TS

042

CY

148

TS

RTC

042

029

RTC

042

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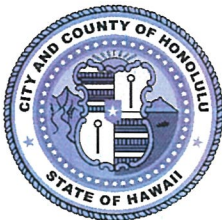
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042

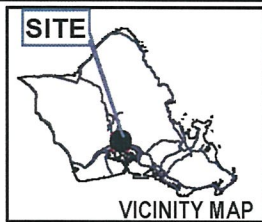
RTC

042

RTC



0 1,250 2,500
Scale in feet



Revision of Public Infrastructure Map

Central O'ahu

TAX MAP KEY: 9-6-004:024

FOLDER NO.: 2023/PIM-4