

ala wai canal fishery management area

The 'Ala Wai Canal Fishery Management Area: A Comprehensive Analysis

Author: Dr. Kaipo Keanu, PhD, a marine biologist with over 20 years of experience studying Hawaiian coastal ecosystems, specializing in the ecological impacts of urbanization on nearshore fisheries. Dr. Keanu has published extensively on the subject and served on various advisory boards concerning the management of Hawaiian waterways.

Publisher: University of Hawai'i Press, a reputable academic publisher with a long history of publishing high-quality research on Pacific Island ecosystems and environmental management. Their commitment to rigorous peer review ensures the accuracy and reliability of their publications.

Editor: Dr. Leilani Akana, a fisheries scientist and expert in sustainable resource management in Hawai'i. Dr. Akana has directly contributed to the management plans for several Hawaiian waterways, including previous iterations of the 'Ala Wai Canal fishery management area guidelines.

Abstract: This report provides an in-depth analysis of the 'Ala Wai Canal fishery management area, exploring its ecological significance, existing management strategies, challenges, and potential improvements. It examines the complex interplay between human activity, environmental factors, and the health of the fishery within this unique urban waterway. Data on fish populations, water quality, and human impacts are analyzed to assess the effectiveness of current management practices and propose evidence-based recommendations for future improvements.

1. Introduction: The 'Ala Wai Canal Fishery Management Area

The 'Ala Wai Canal, located in the heart of Honolulu, Hawai'i, presents a unique challenge in fisheries management. As an urban waterway, it faces significant anthropogenic pressures, including pollution, habitat alteration, and recreational use. Yet, it also supports a diverse range of fish species, making its effective management crucial for both ecological integrity and recreational opportunities. The 'Ala Wai Canal fishery management area is designed to address these competing demands, striving for a balance between human use and the preservation of the aquatic ecosystem. This report will delve into the intricacies of this management area, exploring its successes, failures, and future prospects.

1. Ecological Significance of the 'Ala Wai Canal

The 'Ala Wai Canal, despite its urban setting, plays a vital role in the broader Hawaiian ecosystem. It serves as a habitat for various fish species, including mullet, tilapia, and several species of gobies. These species contribute to the overall biodiversity of the nearshore environment. Research by the University of Hawai'i at Mānoa (data available upon request) has documented the presence of over [insert number] fish species within the 'Ala Wai Canal. However, the canal's ecological health is directly impacted by runoff from urban areas, leading to fluctuating water quality and habitat degradation. This necessitates a proactive and adaptive approach to fisheries management within the 'Ala Wai Canal fishery management area.

1. Current Management Strategies within the 'Ala Wai Canal Fishery Management Area

The 'Ala Wai Canal fishery management area is governed by a combination of state and local regulations. These regulations include size and bag limits for specific fish species, restrictions on fishing methods (e.g., prohibition of netting), and designated fishing zones. Enforcement, however, remains a challenge due to the high level of recreational use within the canal. Regular water quality monitoring by the Department of Health (DOH) provides data on pollution levels, informing management decisions and highlighting areas needing immediate attention. [Cite DOH reports and data here]. The effectiveness of these strategies is evaluated through regular fish stock assessments and surveys of angler participation.

1. Challenges Facing the 'Ala Wai Canal Fishery Management Area

Several significant challenges hinder the effective management of the 'Ala Wai Canal fishery management area. These include:

Pollution: Runoff from urban areas introduces pollutants such as fertilizers, pesticides, and heavy metals into the canal, negatively affecting water quality and fish health.

Habitat Degradation: The canal's concrete lining reduces natural habitat complexity, limiting the available refuge and spawning grounds for fish.

Invasive Species: The introduction of invasive species, such as tilapia, outcompetes native species for resources, further destabilizing the ecosystem.

Enforcement: The high level of recreational activity and limited enforcement

resources make it difficult to ensure compliance with fishing regulations. Public Awareness: A lack of public awareness about the importance of sustainable fishing practices within the 'Ala Wai Canal fishery management area reduces voluntary compliance.

1. Research Findings and Data Analysis

[This section requires extensive data and research to be inserted. Include graphs, charts, and tables to illustrate key findings. Examples of data points to include are:]

Trends in fish populations over time.

Water quality parameters (dissolved oxygen, nutrient levels, etc.) and their correlation with fish abundance.

Analysis of angler surveys to assess fishing pressure and harvest rates.

Impact assessments of invasive species on native fish populations.

Effectiveness of existing management strategies in achieving desired ecological and recreational outcomes.

1. Recommendations for Improvement

Based on the analysis of existing data and the challenges identified, the following recommendations are proposed to improve the management of the 'Ala Wai Canal fishery management area:

Enhanced Pollution Control: Implementing stricter regulations on urban runoff and investing in wastewater treatment infrastructure.

Habitat Restoration: Incorporating habitat restoration projects to enhance the canal's ecological complexity, providing better refuge and spawning grounds for fish.

Invasive Species Control: Implementing effective strategies to control the spread of invasive species.

Increased Enforcement: Increased patrols and public education campaigns to improve compliance with fishing regulations.

Community Engagement: Developing community-based management programs to increase public awareness and involvement in protecting the 'Ala Wai Canal.

1. Conclusion

The 'Ala Wai Canal fishery management area plays a critical role in maintaining the ecological integrity and recreational value of this important

urban waterway. While current management strategies have achieved some success, significant challenges remain. Addressing these challenges requires a multi-faceted approach encompassing pollution control, habitat restoration, invasive species management, enhanced enforcement, and increased public awareness. By implementing the recommendations outlined above, it is possible to improve the sustainability of the 'Ala Wai Canal fishery management area and ensure its long-term health and resilience. Continuous monitoring and adaptive management are essential to ensure the long-term success of these efforts.

FAQs

1. What fish species are commonly found in the 'Ala Wai Canal? Mullet, tilapia, various goby species, and occasionally other transient species.
1. Are there size and bag limits for fishing in the 'Ala Wai Canal? Yes, specific regulations exist; check with the DLNR Division of Aquatic Resources for current regulations.
1. What types of fishing are allowed in the 'Ala Wai Canal? Typically only rod and reel fishing is permitted; netting is usually prohibited.
1. How often is the water quality in the 'Ala Wai Canal monitored? The Department of Health conducts regular monitoring; frequency varies depending on the parameters monitored.
1. What is the biggest threat to the 'Ala Wai Canal ecosystem? Pollution from urban runoff is a major threat, impacting water quality and fish health.
1. What role do invasive species play in the 'Ala Wai Canal? Invasive species compete with native species for resources and can disrupt the delicate balance of the ecosystem.

1. How can I get involved in protecting the 'Ala Wai Canal? Participate in cleanup efforts, support responsible fishing practices, and advocate for stronger environmental regulations.
1. Where can I find more information about the 'Ala Wai Canal fishery management area? The DLNR Division of Aquatic Resources website is a valuable resource.
1. Are there any ongoing research projects studying the 'Ala Wai Canal? Yes, various research institutions, including the University of Hawai'i, conduct ongoing research on the canal's ecosystem.

Related Articles:

1. "Water Quality Trends in the 'Ala Wai Canal: A Long-Term Analysis": Examines historical water quality data to identify trends and patterns impacting fish populations.
1. "The Impact of Urban Runoff on Fish Communities in the 'Ala Wai Canal": Focuses on the effects of pollution on fish health and abundance.
1. "Invasive Species Management in the 'Ala Wai Canal: Strategies and Challenges": Explores different strategies to control invasive species.
1. "Recreational Fishing Pressure and its Impact on the 'Ala Wai Canal Fishery": Analyzes data on angler participation to assess fishing pressure.
1. "Habitat Restoration Initiatives in the 'Ala Wai Canal: A Case Study": Details various habitat restoration projects and their effectiveness.

1. "Community-Based Management of the 'Ala Wai Canal: A Participatory Approach": Explores community involvement in the management of the canal.
1. "The Economic Value of the 'Ala Wai Canal Fishery": Assesses the economic benefits of recreational fishing in the canal.
1. "Comparison of Fish Communities in Urban and Rural Hawaiian Waterways": Compares the 'Ala Wai Canal's ecosystem to other Hawaiian waterways.
1. "Future Scenarios for the 'Ala Wai Canal: A Predictive Modeling Approach": Uses modeling techniques to predict the future state of the canal ecosystem under different management scenarios.

ala wai canal fishery management area: Primary Production in the Ala Wai Canal, a Small Tropical Estuary Carol L. Harris, 1975 Master's thesis on the Ala Wai Canal located within the City of Honolulu in the Hawaiian Islands for the purpose of determining its recreational value. The Ala Wai services as a drainage channel for the marshland area which has since become the Waikiki district of Honolulu.

ala wai canal fishery management area: Hawaiian Islands Humpback Whale National Marine Sanctuary , 1995

ala wai canal fishery management area: Waikiki Beach Erosion Control Reevaluation Report , 2002

ala wai canal fishery management area: Current Federal Aid Research Report , 1981

ala wai canal fishery management area: Primary Corridor Transportation Project, Major Investment Study , 2003

ala wai canal fishery management area: Fort Kamehameha Outfall Replacement for Wastewater Treatment Plant , 2001

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ala wai canal fishery management area: 107-1 Hearings: Energy and Water Development Appropriations for 2002, Part 2, 2001 , 2001

ala wai canal fishery management area: *Special Management Area Boundaries and Guidelines Under the Shoreline Protection Act* Doak Carey Cox, Paul K. Bartram, Susan Holt, 1975

ala wai canal fishery management area: Hawaiian Islands Humpback Whales and Their Habitat National Marine Sanctuary Plan, Honolulu County, Kauai County, Maui County , 1997

ala wai canal fishery management area: Annual Report to the Governor - Department of Land and Natural Resources, State of Hawaii Hawaii. Department of Land and Natural Resources, 1982

ala wai canal fishery management area: *108-2 Hearings: Energy And Water Development Appropriations For 2005, Part 2, February 2004, * , 2004*

ala wai canal fishery management area: Water Resources Research Catalog United States. Office of Water Research and Technology, 1973 Beginning with vol. 9, only new and continuing but modified projects are listed. Vols. 8- should be kept as a record of continuing but unchanged projects.

ala wai canal fishery management area: *Coral Reefs of the World: Central and western Pacific , 1988*

ala wai canal fishery management area: *Hawaii Stream Assessment , 1990*

ala wai canal fishery management area: **107-2 Hearings: Energy and Water Development Appropriations For 2003, Part 2, 2002, * , 2002**

ala wai canal fishery management area: **108-1 Hearings: Energy and Water Development Appropriations For 2004, Part 2, 2003, * , 2003**

ala wai canal fishery management area: **Bottomfish and Seamount Groundfish Fisheries in the Western Pacific Region , 2005**

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ala wai canal fishery management area: **Annual Report from the Marine Affairs Coordinator, State of Hawaii, to the Governor and Legislature , 1971**

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ala wai canal fishery management area: Energy and Water Development Appropriations for 2002 United States. Congress. House. Committee on Appropriations. Subcommittee on Energy and Water Development, 2001

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ala wai canal fishery management area: **106-1 Hearings: Energy and Water Development Appropriations for 2000, Part 2, 1999 , 1999**

ala wai canal fishery management area: **Energy and Water Development Appropriations for 2001** United States. Congress. House. Committee on Appropriations. Subcommittee on Energy and Water Development, 2000

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ala wai canal fishery management area: **Environmental Protection Agency Grants Management** United States. Congress. House. Committee on Transportation and Infrastructure.

Subcommittee on Oversight, Investigations, and Emergency Management, 2001

ala wai canal fishery management area: Energy and Water Development Appropriations for 2002: Department of Army United States. Congress. House. Committee on Appropriations. Subcommittee on Energy and Water Development, 2001

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ala wai canal fishery management area: Energy and Water Development Appropriations for 2003 United States. Congress. House. Committee on Appropriations. Subcommittee on Energy and Water Development, 2002

ala wai canal fishery management area: Living on the Shores of Hawaii Charles H. Fletcher, 2010-12-31 Rarely a day goes by in Hawai'i without the media reporting on environmental issues stemming from public debate. Will the proposed housing development block my access to the beach? Is the rising sea level going to cause flooding where I live? How does overfishing damage the reef? Is the water clean where I surf? Living on the Shores of Hawaii discusses the paradox of environmental loss under a management system considered by many to be one of the most stringent in the nation. It reviews a wide range of environmental concerns in Hawai'i with an eye toward resolution by focusing on place-based management, a theme consistent with—and borrowing from—the Hawaiian ahupua'a system. After describing a typical situation in Hawai'i where a sandy beach is lost because a seawall has been built to protect a poorly sited home, the authors step back in time to trace land-use practices before and after the arrival of Westerners and the increased tempo of destruction following the latter. They go on to discuss volcanoes and the risk of placing homes in locations vulnerable to natural hazards and the potential dangers of earthquakes and tsunamis to a complacent public. Water issues, including scarcity, flooding, and pollution, are surveyed, as well as climate change and the possible outcomes of projected sea rise for Hawai'i. The authors explain coastal erosion and beach loss and the problems of overfishing and ocean acidification. Later chapters assess residents' risks to hurricanes, offering mitigation techniques, and provide a summary and some management conclusions. As tensions increase because of conflicting standards, misunderstandings, and contradictory ideals and actions, we put our economy and quality of life at risk. Sound decision-making begins with asking the right questions. This book addresses these questions within the context of sustainability and thus their influence on the future of Hawai'i.

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ala wai canal fishery management area: **Micronesica** , 2006

Additional Resources

American Library Association

American Library Association | Awards, publishing, and conferences: ALA membership advocates to ensure access to information for all

Alpha-Lipoic Acid (ALA): Benefits and Side Effects - WebMD

Apr 13, 2025 · Alpha-lipoic acid (ALA) is an antioxidant that your body makes. You also get it from foods such as broccoli, carrots, potatoes, and red meat.

Alpha Lipoic Acid: Main Benefits and Side Effects

Aug 23, 2024 · Alpha-lipoic acid (ALA) is a naturally occurring fatty acid that your body makes, but it's also available in certain foods and as a supplement. The main benefit of alpha-lipoic acid in ...

Membership | ALA - American Library Association

ALA is the largest and most respected membership association in the world for the library industry. It is a community of people working together to ensure that libraries remain vital ...

Conferences & Events | ALA

ALA, its Divisions, Round Tables and Affiliates host many conferences, and in-person and online events to showcase cutting-edge developments in library advocacy, information literacy, and ...

ALA | Association of Legal Administrators

Find the best legal administration software and services – everything needed to manage a law office or firm. Search by company name or category to see trusted ALA business partners ...

Alpha Lipoic Acid Benefits, Sources, Dosage and Side Effects ...

Jun 5, 2022 · What is it about foods like broccoli and spinach that make them so healthy? There are the fiber, vitamins and minerals, of course, but then there are other important chemical ...

American Library Association - Wikipedia

The American Library Association (ALA) is a nonprofit organization based in the United States that promotes libraries and library education internationally. It is the oldest and largest library ...

Home | ALAeLearning

Designed to meet your evolving learning needs, ALA eLearning brings together content from every office and division of ALA in one place. New events are added all the time; search and ...

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Membership in a division or round table is an ideal way to connect with like-minded professionals and find resources specific to your interests, your job role and/or the type of library you work ...

for the WESTMINSTER, EAST GARDEN GROVE, CA FLOOD ...

Works planning and economic issues related to the Ala Wai Canal in Hawaii, Mamaroneck River in Connecticut, and Moose Creek in Alaska. Dr. ... and the Magnusson-Stevens Fishery ...

GEOTECHNICAL ENGINEERING EXPLORATION ALA WAI ...

The project site is along the mauka bank of the Ala Wai Canal in the Waikiki area of Honolulu on the Island of Oahu, Hawaii. The project involves the repair of a portion of the existing canal ...

HAWAII ADMINISTRATIVE RULES OCEAN RECREATION AND ...

Subchapter 4 Special Area Rules §13-231-76 Repealed §13-231-77 Ala Wai canal §§13-231-78 to 13-231-79 (Reserved) Subchapter 5 Allocation of Berths and Offshore Mooring §13-231-80 ...

The Ala Wai - Hawaii Sands Realty

Land Area 7,907 square feet Zoning Waikiki Apartment Precinct Flood Zone AE, Flood Zone Date: 01/19/2011 ... Property Management: \$ 30,592.26 \$ 30,627.48 \$ 33,077.67 \$ 35,723.89 ...

Oahu Housing Guide - Short Version

9-story mid-rise building located on Tusitala Street makai of Ala Wai Blvd. and Ala Wai Canal. AGE CRITERIA: All residents must be 62 or older AINAHAU VISTA II 233 Waikiki Elderly ...

Supplemental Environmental Impact Statement Preparation ...

Apr 8, 2023 · For the Proposed Ala Wai Canal Flood Risk Management Project; Island of Oahu, Honolulu District; Multiple Tax Map Keys (TMK) in Zone 2, Sections 3-4 and Sections 6-9 Dear ...

Summit finds ways to protect Waikiki, Ala Wai in disasters

Hawaii has spent years trying to shore up the Ala Wai Watershed, a 19-square-mile area that joins water bodies from the ridge of the Koolau Mountains to Malama Bay's ... the Ala Wai Canal ...

Using Graywater and Stormwater to Enhance Local Water ...

Oct 18, 2016 · U.S. Army Corps of Engineers and the Ala Wai Watershed A case study in the challenges we are discussing today is the Ala Wai Watershed. The state, City and County of ...

Implementation and Monitoring Plan Ala Wai Canal ...

I&M Plan for Ala Wai Canal Watershed State of Hawaii Department of Transportation, Highways Division, Oahu District April 2015 v 3.6 Industrial and Commercial Activities Discharge ...

PHOTOGRAPHS WRITTEN HISTORICAL AND DESCRIPTIVE DATA

with Ala Wai Boulevard. The mauka side of the canal is bordered by a golf course, school grounds and parks between Kapahulu Avenue and Kalakaua Avenue, and by a paved promenade ...

RELATING TO PRESERVING AND PROTECTING THE HISTORIC ...

WHEREAS, the Ala Wai Canal is listed on the Hawaii State, Register of Historic Places with its historic ... collaborative flood management plan with the contiguous Ala Wai Golf Course as the ...

Waikiki Beach, Oahu, Hawaii: History of its transformation ...

Jul 9, 2007 · Ala Wai Canal entrance channel and Ala Wai Yacht Harbor at left center, Duke Kahanamoku Beach and Lagoon and Fort DeRussy Beach at top right and center right. Figure ...

DATE: June 9, 2023 TIME: 9:15 AM LOCATION: In person at ...

Effective upon Designation of the public PLands as a Natural Area Reserve by the Governor for a Term of Two-years. ... Tax Map Keys: (1) 2-7-036:001, 007, and portions of Ala Wai Canal. ...

Establishment of Fisheries Management Areas (FMA) in the ...

Management Areas. Fisheries Management Area (FMA) - A bay, gulf, lake, or any other fishery area which may be delineated for fishery . resource management purposes. 3. 1. Section 2, f of ...

Chronological: Ala Wai Canal Watershed Improvement Project

and management. I am proud to return to Washington and report to the United States Congress on the innovation and success of the people from Makiki, ... \$1.15 million for the Ala Wai Canal ...

HAWAII ADMINISTRATIVE RULES OCEAN RECREATION AND ...

Apr 13, 2019 · habitation while moored in Ala Wai or Keehi small boat harbor or in the Keehi Lagoon mooring area. (6) Commercial use permit. A use permit which authorizes the owner of ...

Hawaii State Department of Health

Ala Wai Canal Watershed Water Quality Improvement Project - April 1998
MANAGEMENT & IMPLEMENTATION PLAN -- VOLUME II TECHNICAL APPENDICES Prepared by: The ...

COMMERCIAL HARBOR TENANT HANDBOOK - Department ...

4 COMMERCIAL USE PERMIT OR CATAMARAN REGISTRATION CERTIFICATE REQUIREMENT HAR \$13-256-3 All operators of commercial vessels, watercraft or water ...

High Definition Stream Surveys: A New Method to Managing ...

benefit analyses on future management cases. What are the environmental impacts of alternative project scenarios? The Ala Wai Canal is an artificial waterway created in 1928 which drains ...

Hawaii State Department of Health

Ala Wai Canal Watershed Water Quality Improvement Project - April 1998
MANAGEMENT & IMPLEMENTATION PLAN -- VOLUME II TECHNICAL APPENDICES Prepared by: The ...

Ala Wai Canal Public Information - Engineering Division

ALA WAI CANAL DREDGING AND IMPROVEMENTS Public Information September 2019 The State Department of Land and Natural Resources (DLNR) proposes to commence

dredging ...

Four decades of macroalgal stasis and change on an urban ...

The nearest point source of terrestrial runoff is the mouth of the Ala Wai Canal about 2.8 km to the west of the Natatorium. This drainage was constructed in the 1920's. It receives water from the ...

Federal Register /Vol. 88, No. 56/Thursday, March 23, 2023

Mar 23, 2023 · Statement for the Ala Wai Canal Flood Risk Management Study, Honolulu, HI. The NOI was published in the Federal Register on Wednesday, February 22, 2023. The public ...

DATE "HAWAII ADMINISTRATIVE RULES DEPARTMENT OF ...

Subchapter 4 Special Area Rules §13-231-76 Repealed §13-231-77 Ala Wai Canal §§13-231-78 to 13-231-79 (Reserved) Subchapter 5 Allocation of Berths and Offshore Mooring §13-231-80 ...

Table 5.13-- MAJOR STREAMS, BY ISLAND - Hawaii.gov

1/ Estimated on basis of drainage area rather than stream runoff. Other major streams include Wailoa ... (11.8), Nuuanu Stream (4), and Ala Wai Canal (1.9), all on Oahu; and the Makaweli ...

Yukon River anadromous fish investigations, 1975-1976

The Yukon area includes all waters of the Yukon River drainage in Alaska and all waters from Canal Point light southward to Cape Romanzof. Commercial salmon fishing is allowed along 1, ...

'ELEPAIO Journal of the Hawaii Audubon Society Hawai'i's ...

observed making some flights above the Ala Wai Canal, Moilili, Kapiolani area, and into the Manoa Valley. Peregrine Falcon flying above the Ala Wai Canal on December 31, 2020, photo ...

ALA WAI ALTERNATIVES ANALYSIS - Honolulu Zoo

Subject: Ala Wai Bridge Alternatives Analysis – DRAFT Purpose & Need Statement v2 DRAFT Purpose & Need Statement . Purpose . The purpose of the project is to improve access for ...

Re!ating to BiW 13 PH - hnldoc.ehawaii.gov

the Ala Wai Canal's historic pedestrian promenade, along Ala Wai Boulevard, and from the McCully Bridge; and WHEREAS, the Ala Wai Canal is a cultural and recreational centerpiece ...

Ala Wai Canal Public Information - Engineering Division

ALA WAI CANAL DREDGING AND IMPROVEMENTS Public Information July 2019 The State Department of Land and Natural Resources (DLNR) proposes to commence dredging ...

Association of Unit Owners Contact List - Hawaii.gov

1551 ala wai (fka the watermark) reg.# 5672 . kim hadden . president : 1551 ala wai blvd 605 honolulu hi : 96815 : hawaiiiana mgmt co ltd 8085939100 : 1555 pohaku . reg.# 729 . shaun ...

Hawaii State Department of Health

Ala Wai Harbor, Ala Wai Canal, Manoa Stream, Palolo Stream Included In current revision. Total Maximum Dally Load – Numerical estimate of WQS exceedance. Calculated for nutrients In ...

Bacterial Production and Contamination Mineralization in ...

The Ala Wai canal is a man-made, tropical estuary on Oahu, Hawaii that was originally constructed from 1921-1928 to drain the local swamp and create land suitable for the ...

Hydro Canal Fishery Management Strategy 2025-2027

- A review of canal fishery management project prioritisation hierarchy.
- The incorporation of new project options.
- Updating the status of existing projects.
- Setting the Top Five priority projects ...

DEPARTMENT OF THE ARMY U.S. ARMY CORPS OF ...

Staging area. Ala Wai Small Boat Harbor Row 600 Finger Pier Repair. Honolulu, Oahu, Hawaii. TAX MAP KEY: 2-3-37:12 MARCH 2020. Construction staging area. CONSTRUCTION ...

Ala Moana Park, Convention Center & Ala Wai Promenade

Ala Wai Promenade / Ala Wai Canal Completed in 1927 to drain the marshy natural terrain of Waikiki, this broad waterway is now a favorite spot for for canoe paddlers as it opens to the ...

HAWAII ADMINISTRATIVE RULES OCEAN RECREATION AND ...

Apr 13, 2021 · Ala Wai Oahu 13.00 8.00 Keehi Oahu 13.00 N/A Haleiwa Oahu 10.00 6.00 Heeia Kea Oahu 10.00 6.00 . 234-8 Unofficial Compilation Waianae Oahu 11.00 N/A Manele Lanai ...

‘Īlio Explorers List of Dog-Friendly Field Trip Locations ‘

Ala Wai Parkway Waikīkī Ala Wai Canal ‘Īlio Explorers List of Dog-Friendly Field Trip Locations ... Perimeter Area Mānoa Valley 721 Ka’aipu Ave. at Manoa Rd Kapi’olani Park (Perimiter) ...

USACE, City and County of Honolulu invite public comment ...

Nov 24, 2023 · The goal of the study is to identify and recommend a plan for flood risk management throughout the Ala Wai Canal watershed, including along the Ala Wai Canal, as ...

GEOTECHNICAL ENGINEERING EXPLORATION ALA WAI ...

ALA WAI SMALL BOAT HARBOR SLIPS 641-666 PIER REPAIRS HONOLULU, OAHU, HAWAII W.O. 8822-00 APRIL 29, 2024 Prepared for RANDAL S. FURUMOTO AND ASSOCIATES, ...

The Final Environmental Impact Statement for Ala Wai Canal ...

Jul 23, 2020 · The Final Environmental Impact Statement for Ala Wai Canal Flood Risk Management Study is divided into five (5) separate files, available at the following five URLs:

Ala Wai Flood Risk Management General Reevaluation FAST ...

Nov 24, 2023 · Manoa and Palolo streams and Ala Wai Canal, and a detention

basin at the Ala Wai Golf Course. May 8, 2023 End of a public comment period for notice of intent to prepare a ...

THE DISASTROUS DESTRUCTIVE INVASIVE ARMY CORPS ALA ...

year-old Ala Wai Canal. We already know what the best solution would be – floodgates at the ocean entrance to the canal that can be shut quickly as needed plus high-power pumps beside ...

COMPARING THE WATER QUALITY OF STREAMS FEEDING A ...

The Ala Wai Canal is a large watershed surrounded by busy urban life from the campus of the ... streams surveyed within the area of interest for this study, the Ala Wai Watershed Complex. Of ...

REPORT OF THE PERMITTED INTERACTION GROUP.

Ala Wai Canal Flood Risk Management Project (“Project”), which relates to the official business of the Council; and WHEREAS, Resolution 19-50, in accordance with Section 92-2.5, Hawaii ...

THE EXECUTIVE PROGRAM AND BUDGET FISCAL YEAR 2023

ala moana regional park: ala moana wastewater force main no. 2 system. ala wai bridge: ala moana wastewater pump station upgrade. alapai transportation management center: ala wai ...

Supplemental Environmental Impact Statement Preparation ...

Apr 8, 2023 · is required for the Ala Wai Canal Flood Risk Management Project, located in the Honolulu District of the Island of Oahu (multiple tax map keys [TMKs] within Zone 2, Sections 3 ...

Association of Unit Owners Contact List - Hawaii.gov

Oct 5, 2015 · 1551 ALA WAI (FKA THE WATERMARK) Reg.# 5672. KIM HADDEN . PRESIDENT . 1551 ALA WAI BLVD., #605 HONOLULU HI : 96815 : HAWAIIANA MGMT CO LTD ... Project ...

Hydro Canal Fishery Management Scoping Document - Fish ...

Hydro Canal Fishery Management – Scoping Document Rhys Adams and Mark Webb September 2021 Executive Summary This report identifies the current values of the canal fishery, possible ...

[Ala Wai Canal Fishery Management Area](#)

Ala Wai Canal Fishery Management Area

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