2024 STATE OF HAWAII WATER QUALITY MONITORING AND ASSESSMENT REPORT:

Integrated Report to the U.S. Environmental Protection Agency and the U.S. Congress
Pursuant to §303(d) and §305(b), Clean Water Act (P.L. 97-117)

The Hawaii State Department of Health
Clean Water Branch
Honolulu, Hawaii
April 8, 2024
Final

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List of Figures and Tables

List of Acronyms

§	Section
AU	Assessment Unit
BEACH	Beaches Environmental Assessment and Coastal Health
CBD	Center for Biological Diversity
CCH	City and County of Honolulu
CFU	Colony Forming Units
Ch.	Chapter
CWA	Clean Water Act
CWB	Clean Water Branch
CWRM	Commission on Water Resource Management
DLNR	Department of Land and Natural Resources
DMR	Discharge Monitoring Report
DOFAW	Division of Forestry and Wildlife
EAC	Environmental Assessment Company
EHASB	Environmental Health Analytical Services Branch
EMD	Environmental Management Division
EPA	United States Environmental Protection Agency
GM	Geometric Mean
GPS	Global Positioning System
HAR	Hawaii Administrative Rules
HIDOH	Hawaii Department of Health
IR	Integrated Report
MCS	Microbiology Consulting Services, LLC
MRC	Marine Research Consultants, Inc
NELHA	Natural Energy Laboratory of Hawaii Authority
NH_4	Ammonium-Nitrogen
NO_3+NO_2	Nitrate + Nitrite - Nitrogen
NPDES	National Pollutant Discharge Elimination System
PacIOOS	Pacific Islands Ocean Observing System
PO_4	Orthophosphate
QAPP	Quality Assurance Project Plan
QAPrgP	Quality Assurance Program Plan
QA/QC	Quality Assurance/Quality Control
QMP	Quality Management Plan
SLD	State Laboratories Division
STORET	STOrage and RETrieval
TDP	Total Dissolved Phosphorus
TDN	Total Dissolved Nitrogen
TMDL	Total Maximum Daily Loads
TN	Total Nitrogen
TP	Total Phosphorus
TSS	Total Suspended Solids
UHM	University of Hawaii at Manoa
USACE	United States Army Corps of Engineers
WQC	Water Quality Certification

WQS Water Quality Standards
WRRC Water Resources Research Center
WWTP Wastewater Treatment Plant

EXECUTIVE SUMMARY

The Hawaii State Department of Health (HIDOH) is obligated by the Clean Water Act (CWA) Sections (§) 303(d) and §305(b) to report on the State's water quality on a two-year cycle. The CWA §305(b) requires states to describe the overall status of water quality statewide, and the extent to which water quality provides for the protection and propagation of a balanced population of shellfish, fish, and wildlife, and allows recreational activities in and on the water. The CWA §303(d) requires states to submit a list of waters that do not attain applicable water quality standards (WQS), plus a priority ranking of impaired waters for Total Maximum Daily Loads (TMDL) development based on the severity of pollution and the uses of the waters. The 2024 State of Hawaii Water Quality Monitoring and Assessment Report, known as the Integrated Report (IR), has been prepared to meet the requirements for CWA §303(d) and §305(b).

The IR informs the public on the status of marine and inland water bodies and serves as a planning document to guide other CWA programs. The 2024 IR incorporates data collected from November 1, 2021 to September 30, 2023 to provide an updated snapshot of water body conditions throughout the State, and carries over the assessment results from previous IRs. Waters that do not meet State WQS may be targeted for further monitoring activities to develop TMDLs, to plan and evaluate CWA §319 nonpoint source pollution control projects, and set requirements for National Pollutant Discharge Elimination System (NPDES) permits and §401 Water Quality Certifications (WQC). The IR not only identifies areas in need of restoration, but serves as a baseline to validate the State’s efforts to improve water quality and eventually delist impaired waters that have been rehabilitated.

The 2024 Integrated Report follows a standardized assessment methodology for marine and inland waters that evaluates whether the assessment units (AUs) meet the WQS for recreational use and for the support of aquatic life. Marine water bodies that are selected for assessment include coastal waters and embayments. Inland water bodies that are used for assessment include streams, lakes, wetlands, and estuaries. The assessment units that have been used historically consist primarily of points, stretches of beachline, and stream segments. These are the same assessment units that are used to evaluate waters within the State during the 2022 IR.

New assessment units are in the process of being created to allow for a more holistic view of State waters. The new assessment units will be primarily based upon the watersheds established by the State of Hawaii Commission on Water Resource Management (CWRM) and will provide a more uniform geographical reference for the IR scopes of assessment. For assessment of marine waters located along the coastline, the 2024 IR uses previously established Clean Water Branch (CWB) AUs from the 2022 IR.

The main WQS parameters assessed in this report include fecal indicator bacteria (enterococci), turbidity, chlorophyll *a*, nutrients (total nitrogen, nitrate+nitrite-nitrogen, ammonium-nitrogen, total phosphorus), and where applicable, total dissolved nitrogen, total dissolved phosphorus, total suspended solids, and orthophosphate (Hawaii Administrative Rules 11-54-6(d)), when there are sufficient data and information for these parameters.

Last assessment period, 170 of the 565 marine water bodies (30%) were assessed. This cycle, 148 of the 566 marine water bodies (26%) were assessed. For this assessment cycle, approximately 14 out of 82 (17%) of marine water bodies on Kauai, 69 out of 192 (36%) of marine water bodies on Oahu, 2 out of 17 (12%) of marine water bodies on Lanai, 36 out of 129 (28%) of marine water bodies on Maui, and 27 out of 110 (25%) of marine water bodies on Hawaii Island were assessed. Assessment results show that of the 148 marine water bodies assessed, 137 (93%) do not attain water quality standards for one or more parameters. Turbidity was the leading cause of impairment for marine waters with 111 out of 120 of assessed waters failing to meet the criteria. This trend is similar to what was observed in previous IRs, and HIDOH believes this may be due to polluted runoff entering nearshore waters. Nutrients were the second leading cause of water quality exceedances, with 30 out of 45 of the marine assessments failing to meet water quality standards for one or more nutrients. This is followed by chlorophyll *a*, with 19 out of 25 of marine assessments failing to meet water quality standards. The enterococci water quality standard was not met in 14 of the 120 assessed marine waters.

The assessment resulted in 30 new waterbody/parameter combination listings. There were also 13 waterbody/parameter combination delistings for marine waters. The majority of new listings were on Hawaii Island at 10 followed by Oahu at nine. Maui had the most delisting at six. Turbidity was the parameter most frequently listed during this IR cycle, which is consistent with previous IR reports.

Marine waters within the larger CWB nearshore AUs were also assessed in this cycle. Of the 532 CWB nearshore AUs, a total of 82 (15%) were assessed in this IR cycle. Twenty-seven (27) CWB nearshore AUs were assessed for nutrients of which 21 did not meet at least one of the water quality standards for nutrients. Sevety-five (75) of the 76 CWB nearshore AUs assessed for turbidity failed to meet the requisite WQS. Chlorophyll *a* was not attained in 18 of the 19 assessed CWB nearshore AUs. The water quality standard for enterococci was not met in 7 of the 71 assessed CWB nearshore AUs.

Seven inland waters were assessed in the 2024 Integrated Report. On Oahu, Kaelepulu waterbody as well as Heeia and Kahaluu estuaries did not attain their enterococci standards. Kaelepulu waterbody also did not attain the turbidity standard. Kalihi stream did not attain for total nitrogen, nitrate-nitrite nitrogen, total phosphorus, and turbidity during the dry season. During the wet season, the stream did not attain for total nitrogen, nitrate-nitrite nitrogen, and turbidity. Kaupuni stream did not attain for total nitrogen, nitrate-nitrite nitrogen, total phosphorus, and turbidity during the dry season. The stream did not attain wet season water quality standards for total nitrogen, nitrate-nitrite nitrogen, total phosporhus, turbidity, and TSS. Waipa estuary on Kauai continued to not meet water quality standards for turbidity and enterococci. Waipa stream attained turbidity standards for both wet and dry seasons but continues to not meet enterococci standards.

CHAPTER 1: SCOPE OF THE INTEGRATED REPORT

PART A. Introduction

The purpose of the Integrated Report (IR) is to inform the public of the overall status of surface water quality statewide, describing the extent to which water quality provides for the protection and propagation of a balanced population of shellfish, fish, and wildlife, and allows recreational activities in and on the water. This report has been prepared to fulfill the requirements for State reporting pursuant to Clean Water Act (CWA) Sections 303(d) and 305(b), which require states to provide an assessment every two years on the quality of all their waters (§305(b)), and a list of those waters that are impaired or threatened (§303(d)). This document describes the methodology, datasets, and results used to develop the 2024 IR. The report is intended to guide future management actions for state waters, provide data for long term trend assessment, and document water quality improvements across the state.

The 2024 IR provides water quality assessment results for both marine and inland waters. The marine and inland assessment results are reported by assessment units where possible, and/or by individual sampling locations. Some data has been placed into watershed assessment units, while other data is still assessed by individual assessment units (e.g. off-shore sampling locations) where watershed assessment units have not yet been established.

The assessment period covers a two-year time frame (November 2021-September 2023), beginning where the 2022 IR assessment cycle ended (October 2021). As part of the IR process, the Hawaii Department of Health (HIDOH) solicited and requested the public via the HIDOH Clean Water Branch (CWB) website and local newspapers to provide new water quality data on June 5, 2023 and the solicitation period closed on October 1, 2023. Similarly, a draft of the 2024 IR was provided for a 30-day public comment period from March 6, 2024 through April 5, 2024. HIDOH received no comments regarding the 2024 IR within the comment period.

An attempt was made to avoid technical jargon and unnecessary abbreviations, but a few remain due to the technical and regulatory requirements necessary for the report. Acronyms are listed in a table at the beginning of this report and where they first appear in text of the document. In addition, terms used in the report are also defined where they first appear in the text of the document.

PART B. Background

B.1. Scope of Waters in the Integrated Report

The State of Hawaii contains approximately 303 miles of recreational shoreline, 3,326 miles of rivers and streams, 37 square miles of bays and harbors and 5 square miles of lakes and reservoirs. The health of Hawaii's inland and marine waters is vital to the communities for subsistence, cultural practices, and recreation. The State's economy is largely dependent on the quality of its shorelines and beaches, which provide opportunities for year-round recreational activities.

B.2. Surface Water Pollution Control Programs

The HIDOH, Clean Water Branch (CWB) is the state agency responsible for protecting and restoring surface water resources for human and environmental health. The CWB's mission is to protect the public health of residents and tourists who recreate in and on Hawaii's coastal and inland water resources, as well as to protect and restore coastal and inland waters for aquatic life and wildlife.

The CWB implements surface water pollution control programs delegated from the United States Environmental Protection Agency (EPA) in support of the Clean Water Act and the State's goals to protect and restore surface waters to fishable and swimmable standards for the purpose of protecting human and environmental health. The components addressed within the CWB include Water Quality Standards (WQS), Enforcement and Compliance, National Pollutant Discharge Elimination System (NPDES) permits, Water Quality Certifications (WQC), surface water quality monitoring and assessment, Total Maximum Daily Loads (TMDLs), and Polluted Runoff Control (PRC). These programs are intended to work in concert to ensure that Hawaii's surface water resources are protected and restored. In addition, the HIDOH also includes the Safe Drinking Water Branch, which monitors and protects drinking water resources, and the Wastewater Branch, which administers engineering functions related to water pollution control and wastewater systems and treatment.

The State's objectives with regards to surface waters include 1) using an integrated approach to assess state water quality, and 2) addressing sources of water pollution through permits, TMDLs, and watershed-based plans.

B.2.1. Hawaii Water Quality Standards

Hawaii's Water Quality Standards form a legal basis for controlling pollution entering waters within the State, and are described in Hawaii Administrative Rules (HAR), Title 11, Chapter 54[1], hereafter known as HAR 11-54 or water quality standards (WQS). Water quality standards are regulations that include classification of water bodies (e.g., embayment, open coastal, flowing stream, etc.), identification of the designated uses, water quality criteria necessary to protect the designated uses, and a general policy of water quality antidegradation for all water types.

[1] https://health.hawaii.gov/cwb/files/2022/01/HAR-11-54-October-22-2021.pdf

The WQS categorize the State's surface waters as inland or marine waters. Inland waters are comprised of water body types such as streams, estuaries, lakes and reservoirs, wetlands, and anchialine pools. Marine water body types are comprised of embayments, coastal, and oceanic waters and classified into class A and AA (both bounded by 183 meter or 600-foot depth contour and within the 3 nautical mile boundary). The specific numeric water quality criteria applicable to streams, estuaries, embayments, coastal, and oceanic waters form the basis for determining whether a waterbody is meeting its intended uses.

The WQS play a central role in the successful implementation of Hawaii's surface water pollution control programs. To evaluate the need for revising or adding to State standards, the CWB is required by the CWA to conduct a comprehensive review of the state water quality standards on a triennial basis. The review process allows the State to determine whether its water quality standards are sufficient to maintain the designated uses for each identified water body type. The last triennial review was completed in 2022.

B.2.2. Point Source Pollution Control

The CWB has been authorized to administer the state NPDES program for point source discharges to waters of the United States. The discharge permits are prepared in compliance with the CWA Section 402 and with Hawaii Administrative Rules Title 11, Chapters 54 and 55, and are designed to protect the quality of surface water within the State. These permits authorize the discharge of substances at concentrations that meet either technology or water quality based effluent limits, whichever is more stringent.

Under the NPDES program, the CWB regulates discharges of pollutants from point sources, such as wastewater treatment plants, municipal separate storm sewer systems, and industrial dischargers. The issuance of permits and the enforcement of permit conditions aids in the protection of the quality of waters within the State. In areas where a TMDL has been established, the permit conditions may be more stringent than the established water quality standards, aiding in the improvement of water quality.

B.2.3. Water Quality Certification

Responsibilities for wetland protection are diffused among various federal, state, and county authorities. There is no formal wetland program in HIDOH. However, HIDOH does utilize their authority under CWA §401 and HAR Title 11, Chapter 53[2] to certify, waive, or deny water quality certification for CWA §404 permits issued by the United States Army Corps of Engineers (USACE) for dredge/fill activities in U.S. waters.

B.2.4. Non-Point Source Pollution Control

Nonpoint sources of pollution in the State primarily consist of cesspools, agricultural land use, urban land use, and feral ungulate destruction and soil erosion in conservation lands. Cesspools discharge untreated human waste directly into the ground, where it can contaminate groundwater and subsequently surface waters by releasing nutrients and disease-causing bacteria and viruses. In agricultural areas, fertilizers, herbicides, pesticides, and soil erosion can lead to polluted runoff problems. In urban areas, roads, buildings, and parking lots often prevent rainwater from

[2] https://health.hawaii.gov/cwb/files/2021/11/20211022.11-53-Rule.pdf

soaking into the ground, which increases the volume of water runoff, increases erosion, and washes pollutants through storm drains into streams and the ocean. On conservation lands, feral ungulates disturb soil and destroy and uproot vegetation, resulting in soil erosion and sediment runoff.

HIDOH is in the process of developing a formal nonpoint source regulatory program. The 2021-2025 Non-point source management plan advances the creation of the DOH Surface Water Protection Branch in conjution with the development of new statewide Non-point source pollution regulation (Hawaii Administrative Rules Title 11, Chapter 56)[3]. The CWB currently addresses nonpoint source pollution through the Polluted Runoff Control (PRC) Program, which administers grant money it receives from the EPA to address polluted runoff. The PRC Program focuses its nonpoint source control projects in a few priority watersheds (He'eia, Hanalei, and West Maui). Priority watersheds may change at a later date. PRC also implements projects to reduce and prevent nonpoint source pollution in other watersheds that have watershed-based plans. Significantly more resources are needed to adequately control all nonpoint source pollution within the State.

B.2.5. Total Maximum Daily Load Process

The TMDL process serves as a roadmap for water body restoration by focusing on improving water quality in impaired surface waters that have been included in the §303(d) list. A TMDL report determines the amount of each pollutant that the impaired water body can assimilate and still meet water quality standards and assigns pollutant load allocations to all identified point sources and non-point sources for each pollutant.

The CWB is looking at various other sites for potential TMDLs. Sampling efforts for the Moanalua and Kalihi watersheds were completed in May 2022 and a TMDL for the watersheds is currently in progress. Sampling for the Kaupuni TMDL was completed in June 2023 and a TMDL is in the planning phase. The Kaelepulu TMDL is currently in progress. See Appendix C for a revised set of priority water bodies for potential TMDLs. These water bodies and consequent watersheds may differ from the PRC priority watersheds. The CWB will work to maximize TMDL development efforts and leverage resources by collaborating internally, especially with the PRC program, on TMDL implementation, watershed improvement plans, and other watershed restoration projects.

B.3. Special State Concerns and Recommendations

A framework for implementing the CWA Section 303(d) Program, titled *2022-2032 Vision for the Clean Water Act Section 303(d) Program* ("2022 Vision"). The 2022 Vision identifies opportunities to manage effectively Clean Water Act (CWA) Section 303(d) program activities to achieve water quality goals for the Nation's aquatic resources such as streams, rivers, lakes estuaries, and wetlands (EPA 2022). See Appendix D for HIDOHs proposed 2022 Vision prioritization framework. While the vision does not alter the State's CWA §303(d) regulatory obligations, it allows the states the flexibility to implement its responsibilities in the context of the State's overall water quality goals. The CWB will implement the vision approach in parallel

[3] https://health.hawaii.gov/cwb/files/2021/04/2021-HI-NPS-Management-Plan.pdf

with any necessary TMDL development activities for any of the priority watershed TMDL consideration. This will help accelerate achieving water quality improvements and restoration for those watersheds.

B.4. Future Monitoring Recommendations

It is anticipated that future monitoring efforts will continue to focus on collecting data for statewide watershed assessments, allowing for a more seamless integration of water body types and surrounding land use. Upcoming reports will continue to utilize State watershed delineations for inland and nearshore marine waters, as well as other geographical attributes. Some assessment units are available for viewing on EPA's How's My Waterway portal.

PART C. Surface Water Monitoring and Assessment Overview

C.1 Surface Water Monitoring and Assessment

The CWB conducts year-round monitoring of coastal waters throughout the state to provide data to support BEACH Act requirements, §303(d) and 305(b) assessments, TMDL development, and CWA §319 watershed implementation projects. This statewide monitoring program maintains staff on Kauai, Oahu, Maui, and Hawaii. Monitoring on the islands of Molokai and Lanai is performed by Oahu staff; however, BEACH Act requirements are not implemented due to sample holding time restrictions. Due to staffing shortages, monitoring on Molokai and Lanai has been suspended until further notice.

C.2. Data Sources

A formal call for data was announced on June 5, 2023 and closed October 1, 2023. Marine water quality data collected between November 1, 2021 and September 30, 2023 are assessed in this report. Sources of data assessed in this report originated from NPDES permitted facilities, private consulting firms, non-profit organizations, and routine and special sampling conducted by the CWB or partnering entities (Appendix A). New, readily available data that meet the CWB's data acceptance criteria requirements are considered for assessment in the 2024 IR.

C.2.1. Quality Assurance/Quality Control

The CWB Monitoring and Analysis Section QA/QC is governed by the CWB Beach Monitoring Quality Assurance Project Plan (QAPP), which was approved by EPA on February 2, 2018, and the Near Shore Coastal Chemistry Monitoring QAPP, which was approved by EPA on April 17, 2018. CWB is currently working on an updated QAPP to be approved by EPA. Other data submitted from sources outside the HIDOH that meet the data acceptance criteria specified on the CWB website and updated on September 1, 2020, included in the assessment.

C.2.2. Laboratory Analytical Support

The CWB uses a number of Hawaii-based laboratories for analysis of samples. The HIDOH Environmental Health Analytical Services Branch (EHASB) of the State Laboratories Division (SLD) analyzes samples for enterococci and chemical nutrients on Oahu. The Natural Energy Laboratory of Hawaii Authority (NELHA), which is a part of the State Department of Business, Economic Development, and Tourism, analyzes chemical nutrient samples collected on Maui, Kauai, and Hawaii. HIDOH also maintains microbiology laboratories on the four largest islands (Kauai, Oahu, Maui, and Hawaii), which conduct analysis for their respective islands, with the exception of West Hawaii. West Hawaii samples are analyzed for enterococci by Microbiology Consulting Services, LLC (MCS) under contract. MCS has analyzed West Hawaii samples for CWB since July 2007. CWB also contracted the University of Hawaii Water Resources Research Center (WRRC) to analyze enterococci samples collected on Oahu in January 2020 in conjunction with SLD.

C.2.3. Data Storage, Management, and Sharing

The CWB fecal indicator bacterial dataset extends from 1973 to the present, and the nutrient and water quality indicator dataset extends from 2006 to the present. Water quality data currently generated from CWB coastal monitoring is available on the CWB's website and EPA's Water

Quality Portal. The end-users of the Water Quality Portal database include government agencies, consultants, students and the general public. Data collected before 1999 are stored in the Legacy STORET Database.

The 2024 IR assessment data will be uploaded into EPA's Assessment and Total Maximum Daily Load Tracking and Implementation System (ATTAINS) database.

C.3 Assessment Units

In previous IRs, non-uniform scopes of assessment have been used to assess the State's waters. These have included a point, stretch of coastline, and segments of streams. To provide a more holistic and consistent assessment of the waters within the State, new assessment units are in the process of being created. The new AUs will be primarily based on the watersheds established by the State of Hawaii (DLNR) Commission on Water Resource Management (CWRM).

Watersheds will be used as the primary basis for the creation of new AUs since water quality assessments using watershed AUs consider the influence of watershed characteristics (e.g. land used, precipitation, and land-cover) on water quality downstream and in coastal areas. Marine waters fronting watersheds are largely influenced by streams and groundwater sources located in the associated watershed. Coastal waters, especially near shore marine waters, can be viewed as an extension of the watershed. Since inland waters are not currently included in the watershed AUs, to avoid confusion, AUs will be renamed from watershed AUs to nearshore AUs. Nearshore AUs will follow the same extent as listed in Table 2. Some nearshore AUs were combined due to the limited shoreline access for these areas.

The 2016 IR established CWB nearshore AUs for Kauai, Maui, Oahu, Molokai, and Lanai. Nearshore AUs for the Big Island were established in the 2022 IR. These CWB nearshore AUs consist of marine waters that front the watershed. Inland waters are not included in these AUs at this time.

Since the new AUs have not been established for much of the individual inland water bodies within the State, the individual water bodies established in previous IRs are the primary basis for the current assessment and §303(d) listing. Marine waters will continue to be listed by individual sites but will be assessed only if sufficient data is available for the respective site. These may include points, stretches of coastline, and segments of streams.

C.4 Assessment Methodology

State surface waters are monitored to determine if water quality conditions support public health while recreating in and on the water (recreational health) and ecosystem health. Recreational health is assessed by enumerating enterococci, the recommended EPA fecal indicator bacteria for coastal recreational waters. Ecosystem health is assessed by comparing mostly nutrients and other parameters to the applicable water quality criteria. The nutrient parameters assessed in this report include total nitrogen (TN); nitrate+nitrite-nitrogen (NO_3+NO_2); ammonium-nitrogen (NH_4); total phosphorus (TP); and where applicable, total dissolved nitrogen (TDN), total

dissolved phosphorus (TDP), and orthophosphate (PO_4) (HAR §11-54-6(d)). Other parameters collected by CWB for assessment purposes include chlorophyll *a*, total suspended solids (TSS), and field parameters such as pH, temperature, turbidity, salinity, and dissolved oxygen.

Decisions for listing/delisting water bodies for nutrients, enterococci, and other parameters are based on the quality and quantity of data, water body type, and applicable numeric criteria (Figure 1.). A majority of the data assessed in the 2024 IR originated from beach samples collected along the coastline, as most of the CWB's monitoring efforts are currently focused on routine monitoring under the BEACH Act. There was limited inland water monitoring conducted. Additional sources of data considered for the 2024 IR include receiving water quality data from NPDES permitted facilities, private contractors, and non-governmental organizations (NGOs) (Appendix A). Chapters 2 and 3 contain more detailed assessment methods specific to marine and inland waters, respectively.

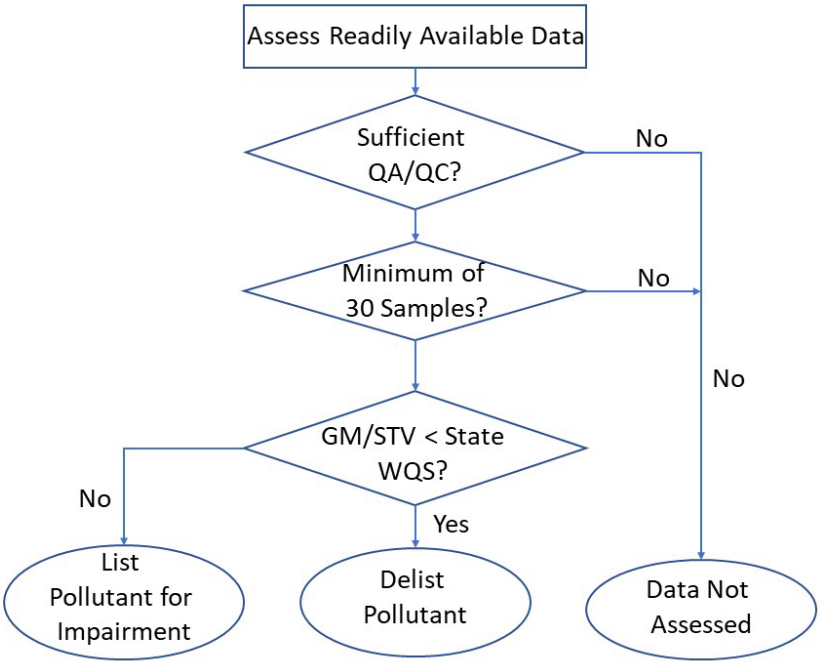

Figure 1. Flow chart of the listing/delisting process for enterococci, TN, NO_3+NO_2, NH_4, TP, PO_4, turbidity, TSS, and chlorophyll *a*.

Assessed water bodies are then assigned to categories according to EPA's 2006 Integrated Water Quality Monitoring and Assessment Report Guidance and subsequent updates. The attainment of WQS for one parameter but not another can result in the assignation of one or more categories to a water body.

Category 1: All designated uses are supported; no use is threatened;
Category 2: Available data and/or information indicate that some, but not all the designated uses are supported;
Category 3: There is insufficient available data and/or information to make a use support determination;
Category 4: Available data and/or information indicate that at least one designated use is not being supported or is threatened, but a Total Maximum Daily Load (TMDL) is not needed;
4a: A TMDL to address a specific segment/pollutant combination has been approved or established by EPA;
4b: A use impairment caused by a pollutant is being addressed by the State through other pollution control requirements;
4c: A use is impaired, but the impairment is not caused by a pollutant;
Category 5: Available data and/or information indicate that at least one designated use is not being supported or is threatened, and a TMDL is needed.

Water bodies that attain State numeric water quality criteria are classified in either Category 1 or 2. Water bodies that do not meet State numeric water quality criteria are classified into Category 5 and constitute the CWA §303(d) list of impaired waters. A water pollution reduction plan, or TMDL, is required for water bodies that are impaired or not expected to meet State numeric water quality criteria, even after the application of technology-based effluent limitations in NPDES permits. The prioritization (low, medium, high) of water bodies for TMDL development is based on the number of parameters not attaining state WQS, resource availability, and realistic schedule of completion. Water bodies that have an approved TMDL are classified into Category 4a. Previously impaired water bodies (Category 5) that currently attain State numeric water quality criteria are "delisted" and reclassified into Category 1 or 2.

Each water body assessment is categorized according to EPA methods for inland and marine waters. Estuarine waters moved from marine waters to inland waters in the 2016 IR because HAR §11-54-2 classifies estuaries as inland waters. Water bodies are sorted by island and then by inland (streams and estuaries) and marine waters. For both inland and marine waters the following applies:

- **Inland Waters Scope of Assessment**
  - EN = Entire Network
  - EE = Entire Estuary
  - ER = Entire Reservoir
  - EW = Entire Wetland
  - EL = Entire Lake
  - E = Estuary
  - P = Pearl Harbor

- **Marine Water Body Type**
  - B = Embayment (as specified within HAR §11-54-6(a))
  - C = Open Coastal (marine waters from the shoreline to 183 m (600 ft) depth contour and within 3 nautical miles from shore)
  - O = Oceanic (marine waters from the 183 m (600 ft) depth contour and within 3 nautical miles from shore)
  - K = Kona (all marine waters of Hawaii Island from Loa Point, South Kona District, clockwise to Malae Point, North Kona District, excluding Kawaihae Harbor and Honokohau Harbor, and for all areas from the shoreline at mean lower low water to a distance 1000 m seaward (HAR §11-54-6(d))

The 2024 water body assessments primarily indicate where sampling has occurred within the State. The 2024 IR marine assessments also include CWB nearshore AUs first introduced in the 2016 and 2022 IRs that provide a more holistic view of the coastline waters within the State. There are some CWB nearshore AUs listed twice due to containing individual water bodies that are classified as different water body types and thus are compared to different WQS. The results of the assessment do not reflect all water bodies in the State. Prior assessments confirmed with new data are shaded gray, and any category changes for previously assessed waters are bolded, italicized, underlined, and shaded gray. The §305(b) assessment of State waters is located in Appendix B, and the §303(d) list of impaired waters is located in Appendix C.

CHAPTER 2: MARINE WATERS

PART A. Scope of Waters

Chapter 1 part C.4 describes the general methodology used to complete the assessment of both marine and inland waters. Chapter 2 further describes the assessment methodology and results applicable to marine waters as described in Hawaii's WQS, HAR §11-54. Marine waters are characterized according to water body type: embayments, open coastal, and oceanic waters. Specific numeric criteria applicable to each water body type are the primary basis for listing and delisting decisions.

The scopes of assessment for marine waters in the 2024 IR (i.e., stretches of coastline, beach segments, individual sampling stations, and CWB nearshore AUs) are based upon the water body types described in the WQS and the premise that the water quality in near shore marine recreational waters is likely to be different than waters located offshore. For the purposes and consistency of the IR, nearshore recreational waters will continue to be categorized as coastal waters within 300 meters of shoreline and offshore waters beyond 300 meters.

A.1. Assessment Units

The AUs used to assess marine waters in the 2024 IR consist primarily of points, and stretches of coastline. CWB nearshore AUs were established for Kauai, Maui, Oahu, Lanai, Molokai, and Hawaii and the marine water quality within each CWB nearshore AU was assessed if sufficient data was available during this cycle. The results of the assessment are included in Appendix B.

PART B. Assessment Methodology

Decisions for listing/delisting water bodies are based on the quality and quantity of data, water body type, and applicable State WQS. Numerous categories may be applicable to describe the current status of a water body because each AU is assessed for multiple parameters. The attainment of WQS for one parameter but not another, can result in the assignation of one or more categories to a water body.

Data collected in State receiving waters are placed into the appropriate assessment unit. The AUs are assessed based on water body types described in the WQS as well as the type of data available. AUs are assessed for recreational health and ecosystem heath, where data is available.

B.1. Recreational Health Assessment

Recreational health is assessed by enumerating enterococci, the recommended EPA fecal indicator bacteria for marine coastal recreational waters. Recreational health criteria evaluations using enterococci inform both daily assessments and long term decisions (e.g., the IR) about whether public health is being protected while participating in water contact activities. The presence of enterococci in sufficient numbers "indicates the potential for human infectious diseases" as defined in the CWA §502(23) (EPA Office of Water 2012). Exceedance of the WQS for enterococci is generally thought to indicate the presence of human fecal contamination and, hence, the presence of pathogens.

Enterococci assessments are primarily used to support decisions made in the context of the BEACH Act. Recipients of BEACH Act[5] grant funds, such as Hawaii, are required to notify the public when enterococci levels either exceed or are likely to exceed the applicable water quality standards at specific beach locations. Daily assessments apply to specific beach locations, and not larger assessment units. In Hawaii, the public is notified when the enterococci concentrations in any given sample are above 130 colony forming units (CFUs)/100 mL of water.

HAR §11-54-8 was amended in 2014 to remove the minimum sample number required to calculate the geometric mean, as recommended in EPA's 2012 recommended Recreational Water Quality Criteria. For the purposes of the IR, a minimum of 30 samples are evaluated to ensure the results are statistically significant at each site. This helps to ensure that the results accurately reflect the conditions of the waterbody throughout the assessment period. For IR purposes the geometric mean (GM) is calculated based on monthly geometric means calculated from data collected from the AU over the two-year time period. In the event that an AU does not meet the 30 sample minimum, the data range may be expanded back two years to include data from the last IR cycle when applicable. An AU is considered impaired if the enterococci GM over a 30-day interval exceeded 35 CFU/100 mL or more than 10% of samples over the two-year assessment period exceeded the statistical value threshold value (STV) of 130 CFU/100 mL (Table 1).

In instances where one monthly enterococci GM for an AU does not meet recreational WQS, but the remaining monthly enterococci GMs meet the recreational WQS, an additional assessment is conducted prior to determining that the AU is impaired. The further assessment consists of reviewing field notes, brown water advisories that may have been in effect at the time the samples were collected, and the other GMs that we calculated within the assessment cycle. If it is determined based upon assessment of this data, that the elevated GM for enterococci is likely due to a one-time occurrence and is unlikely to be representative of the health of the water body, the waterbody will not be listed as impaired.

Table 1. Enterococci recreational WQS attainment/non-attainment based on GM.

Frequency	Recreational WQS Attained	Recreational WQS Not Attained (Impaired)
Two year interval, minimum of 30 samples	10% or less of total samples ≤ 130 CFU/100mL	More then 10% of total samples > 130 CFU/100 mL
30-day interval	GM ≤ 35 CFU/100 mL	GM > 35 CFU/100 mL

B.2. Ecosystem Health Assessment

Ecosystem health assessments are based on a GM calculation of the nutrient and field parameters identified in HAR §11-54-6. Assessments require a minimum of 30 samples to be collected from within the AU over a two-year assessment cycle. If an AU does not meet the 30 sample minimum, the data range may be expanded back two years to include data from the last IR cycle when applicable. When assessing CWB nearshore AUs, the 30 samples may come from multiple stations located within the larger watershed-based AU and should be representative of seasonal variation where possible. Ecosystem health assessment is based on one calculated GM for the

[5] https://health.hawaii.gov/cwb/files/2020/03/Hawaii-Beach-Monitoring-Program-FINAL_DRAFT-200127.pdf

two-year period. In addition, nutrient WQS vary depending on marine water body type, whereas the recreational health WQS remain the same for all waters (Table 2). For marine waters where profile data are available at multiple depths, data are grouped according to distance from shoreline and combined for assessment decisions.

Table 2. Applicable water body type and WQS for marine water bodies

Water Body Type	Description	Recreational WQS	Nutrient WQS
Embayments	As defined in HAR §11-54-6(a)	HAR §11-54-8	Embayment, HAR §11-54-6 (a)
Near Shore Marine Waters	Shoreline to 300 m offshore	HAR §11-54-8	Open Coastal, HAR §11-54-6 (b)
Open Coastal Marine Waters	Shoreline to 183 m (600 ft) depth contour and within 3 nautical miles from shore	HAR §11-54-8	Open Coastal, HAR §11-54-6 (b)
Oceanic Waters	≥183 m (600 ft) depth contour and within 3 nautical miles from shore	HAR §11-54-8	Oceanic, HAR §11-54-6 (c)

B.3. Water Body ID (*Formerly* Geocode ID)

Two sets of water body ID codes exist in the Hawaii structure: a 2-letter alphanumeric (HI) set and 3-letter alphanumeric (HIW) set. The numeric portion of both codes is preceded by the State abbreviation (HI) as per EPA protocol. The 2-letter code is from an existing structure of the EPA's BEACH program that identifies recreational waters across the State. The 3-letter code is generated in response to areas where BEACH codes do not exist and areas that are divided into smaller subsections. Each code is comprised of a total of eight characters and is not ordered. Marine geocode IDs listed in former IRs were renamed to water body IDs in the 2016 IR because they serve as an internal unique identifier and do not relate to geospatial information. The 2024 IR keeps the same naming convention as the 2022 IR.

PART C. Results

C.1. Marine Water Body Assessment Results

Statewide

Marine water bodies that had new, readily available data were assessed in this report. In the 2024 IR, 148 water bodies were assessed compared to the 170 assessed in the 2022 IR (Table 3). Out of the 148 marine water bodies assessed, 137 did not attain WQS for one or more parameters. It should be noted that not all parameters were assessed for every water body due to unavailability of new data.

Of the marine waters assessed, the parameter that most frequently met WQS, when assessed, during this cycle was enterococci, followed by nutrients then Chlorophyll *a*. The parameter that met WQS the least frequently for the assessed waters was turbidity. This is consistent with the results of previous assessments (Table 5).

The assessment of the available water quality data resulted in the listing of 30 new water body/parameter combinations onto the §303(d) list of impaired waters, and most of the new listings were associated with Oahu and Hawaii Island. The assessment also resulted in the delisting of 13 water body/parameter combinations from the list of impaired waters on Maui, Kauai, Oahu and Hawaii Island. No marine water bodies were assessed this cycle for Molokai, and only one water body was assessed for Lanai (Table 4).

Table 3. Marine Water Bodies Assessed for 2024 and 2022 IR

Island	Total Water Bodies per Island 2024	Total Assessed Water Bodies in 2024	% Assessed in 2024	Total Water Bodies per Island 2022	Total Assessed Water Bodies in 2022	% Assessed in 2022
Kauai	82	14	17%	82	22	27%
Oahu	192	69	36%	192	73	39%
Molokai	36	--	N/A	36	--	0%
Lanai	17	2	12%	17	1	6%
Maui	129	36	28%	129	36	28%
Hawaii	110	27	25%	109	38	35%
Total	**566**	**148**	**26%**	**565**	**170**	**30%**

Not assessed = --.

Table 4. New Waterbody/Parameter Listings and Delistings in the 2024 IR cycle vs 2022 cycle.

Island	New Pollutant Listings in 2024	New Pollutant Listings in 2022	New Pollutant Delistings in 2024	New Pollutant Delistings in 2022
Kauai	5	11	3	1
Oahu	9	28	2	3
Molokai	0	0	0	0
Lanai	2	1	0	1
Maui	4	13	6	3
Hawaii	10	19	2	16
Total	**30**	**72**	**13**	**23**

By Island.

106 of the 120 waterbodies assessed for enterococci met the recreational health WQS. Lanai had the highest rate of attainment of the nutrient WQS, followed by Oahu and Kauai with 4 out of 5 waterbodies attaining. Only two out of 24 waterbodies on Maui and 3 out of 9 waterbodies on Hawaii met the nutrient criteria this cycle. The turbidity WQS was predominantly not attained for all islands (Kauai, Oahu, Maui, Lanai, and Hawaii) with only 9 out of 120 meeting the WQS. The chlorophyll *a* WQS is attained in 5 of the 13 marine waterbodies assessed on Hawaii. One out of three waterbodies on Maui attained Chlorophyll *a* standards and none of the assessed waterbodies on Oahu and Kauai attained standards.

Table 5. Assessed marine waterbody attainment and non-attainment of WQS for parameters summarized by island.

Island	Enterococci		Nutrients		Turbidity		Chlorophyll *a*	
	A	N	A	N	A	N	A	N
Kauai	11	1	4	1	1	13	0	5
Oahu	54	13	4	1	5	36	0	2
Molokai	--	--	--	--	--	--	--	--
Lanai	--	--	2	0	0	2	0	2
Maui	18	0	2	22	0	36	1	2
Hawaii	23	0	3	6	3	24	5	7
Total for 2024	**106**	**14**	**15**	**30**	**9**	**111**	**6**	**19**
Total for 2022	**118**	**11**	**22**	**44**	**6**	**139**	**21**	**32**

Attainment = (A), non-attainment = (N), not assessed = --.

C.2. Nearshore Assessment Results

In an effort to provide a more holistic assessment of the waters within the State, the water quality within the established CWB nearshore AUs was assessed. Nearshore AUs were included for Hawaii Island for the 2022 IR in addition to those already established on Kauai, Oahu, Maui, Molokai, and Lanai. Some nearshore were split to account for differences in WQS within the same watershed (e.g., applicability of wet or dry criteria).

Statewide

Approximately 532 CWB watershed AUs have been established. Based on new, readily available water quality data, 82 CWB watershed AUs on Kauai, Oahu, Lanai, Maui, and Hawaii Island are assessed in this report (Table 6). Approximately 15% of the CWB watershed AUs on Kauai, 40% of CWB watershed AUs on Oahu, 6% of CWB watershed AUs on Lanai, 19% of CWB watershed AUs on Maui, and 7% of watersheds on Hawaii Island were assessed for at least one parameter in the 2024 IR. Sufficient new data for CWB watershed AUs on Molokai were not available for this IR cycle.

Of the 82 CWB watershed AUs assessed, 79 do not attain State WQS for one or more parameters. It should be noted that not all pollutants are assessed for every watershed due to unavailability of new data. The WQS for turbidity is exceeded the most frequently (75 of 76 assessed CWB watershed AUs), followed by nutrients (6 of 27 assessed CWB watershed AUs). Eighteen of the 19 CWB watershed AUs assessed for chlorophyll *a* do not attain the WQS. The recreational health water quality standard was not attained in 7 of 71 CWB watershed AUs assessed for recreational health (Table 7).

Table 6. Nearshore AUs assessed for the 2024 and 2022 IR Cycles

Island	Total Nearshore AUs in 2024	Nearshore AUs Assessed in 2024	% Assessed in 2024	Total Nearshore AUs in 2022	Nearshore AUs assessed in 2022	% Assessed in 2022
Kauai	74	11	15%	74	15	20%
Oahu	91	36	40%	91	42	46%
Molokai	50	--	N/A	50	--	N/A
Lanai	32	2	6%	32	1	3%
Maui	113	21	19%	113	22	19%
Hawaii	172	12	7%	172	14	8%
Total	**532**	**82**	**15%**	**532**	**94**	**18%**

Not assessed = --.

Table 7. Assessed Nearshore AUs attainment and non-attainment of WQS for parameters summarized by island.

Island	Enterococci		Nutrients		Turbidity		Chlorophyll *a*	
	A	N	A	N	A	N	A	N
Kauai	10	1	2	2	0	11	0	5
Oahu	30	6	0	0	0	31	0	0
Molokai	--	--	--	--	--	--	--	--
Lanai	--	--	2	0	0	2	0	2
Maui	13	0	2	13	0	21	0	5
Hawaii	11	0	0	6	1	10	1	7
Total for 2024	**64**	**7**	**6**	**21**	**1**	**75**	**1**	**19**
Total for 2022	**75**	**3**	**6**	**50**	**0**	**91**	**10**	**37**

attainment = (A), non-attainment = (N), not assessed = --.

Table 8. New Nearshore/Parameter Listings and Delistings in the 2024 IR cycle vs 2022 cycle.

Island	New Parameter Listings in 2024	New Parameter Listings in 2022	New parameter Delistings in 2024	2022 Parameter Delisting
Kauai	6	13	0	0
Oahu	4	77	0	1
Molokai	--	--	--	--
Lanai	2	1	0	0
Maui	6	24	8	2
Hawaii	2	12	0	3
Total	20	127	8	6

Not assessed = --.

By Island

Sixty-four of the 71 CWB nearshore AUs assessed attained the recreational water quality standard. Twenty-seven CWB nearshore AUs were assessed for nutrients and 19 CWB watershed AUs were assessed for chlorophyll *a*. Two of the four Kauai nearshore AUs, all of the assessed Lanai nearshore AUs, two of the 15 Maui nearshore AUs and none of the six Hawaii Island AUs met nutrient WQS. Only one of the 76 assessed nearshore AUs on Kauai, Oahu, Lanai, Maui, and Hawaii Island meet the turbidity WQS. Of the 20 nearshore AUs assessed for Chlorophyll *a*, only one AU on Hawaii Island attained the relevant standard.

C.3. Assessment Results Summary

The 2024 IR continues to implement a multi-category listing method (Category 1-5) to characterize current water quality status (e.g. new impairment listing, delisting, etc.) across the State. The following tables detail how a marine water body is assigned a different numerical category and includes reasons for those changes. Overall, there were 17 new waterbody/pollutant listings and 7 new waterbody/pollutant delistings for the 2024 IR assessment cycle (Tables 9 through 13).

Maui, Oahu, and Kauai had the greatest number of new listings (six for Kauai and Maui and four on Oahu), followed by Hawaii Island and Lanai (2 each). Maui was the only island with delistings this cycle at eight (Table 4). Turbidity was the most frequent parameter to cause a water body to be listed during this cycle. This is consistent with previous integrated reports, and may be due to increased polluted runoff entering near-shore waters.

A waterbody with water quality information that is insufficient to determine an appropriate decision recommendation, but the available data and information that does exist indicated beneficial uses may be potentially threatened, are listed as Category 3. This approach was taken to prevent waterbodies with insufficient data from being classified as fully attaining standards and to indicate the need for a more thorough assessment in future listing cycles.

In the 2024 IR, nearshore AUs were included in the official 305(b) list. These AUs follow the same multi-category listing method used with marine waterbodies. While nearshore AUs were

not officially included in prior IRs, HIDOH tracked changes as data was available. Overall there were 20 new parameter listings and eight parameter delisitings (Table 8).

Table 9. Kauai Category Changes					
Scope of Assessment	**Water Body ID**	**Parameter**	**Decision Action**	**Summary Rationale**	**Reason for Change**
Anahola Nearshore	HIW30004	Chl. *a*	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Anahola Beach Park	HI823433	Chl. *a*	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Hoea Nearshore	HIW30008	Chl. *a*	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Kaumakani Nearshore	HIW30015	Chl. *a*	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Kekaha Beach Co Park	HI530569	Chl. *a*	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Nawiliwili Bay (Kalapaki Beach)	HIW00114	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Nawiliwili Nearshore	HIW300255	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Salt Pond Beach Co. Park	HI701008	Chl. *a*	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.

Table 9. Kauai Category Changes					
Scope of Assessment	**Water Body ID**	**Parameter**	**Decision Action**	**Summary Rationale**	**Reason for Change**
Waikomo Nearshore	HIW30029	TN	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
		Chl. *a*	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Wailua (Open Coastal)	HIW00215	NO_3+NO_2	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
		NH_4	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
		Turbidity	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
		Chl. *a*	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Pacific Missile Range Facility	HI176480	NH_4	Delist Parameter	DL	**ASSIGN cat. 2;** Applicable water quality standard attained, original basis for listing was incorrect

Category changes from the 2024 listed marine water bodies that identify parameter where a change has occurred (e.g., new impartment listing, delisting, etc.). parameter: Enterococci; TN=total nitrogen, TDN=total dissolved nitrogen, NO_3+NO_2=nitrate+nitrite-nitrogen, NH_4=ammonia-nitrogen, TP=total phosphorus, PO_4=orthophosphate, turbidity, Chl $_a$=chlorophyll a. Summary rationale codes: NND=new numerical data, NL=new impairment listing (assign category 5), DL=delisting,

Table 10. Oahu Category Changes					
Scope of Assessment	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**
Ala Moana Beach (Ewa)	HI473893	Turbidity	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Ewa Beach (Open Coastal)	HIW00189	Enterococci	Delist parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
Hahaione Nearshore	HIW10004	Turbidity	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Kamaileunu Nearshore	HIW10020	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Kuliouou Nearshore	HIW10035	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Loko Ea	HIW10037	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Maipalaoa Beach Park	HI280966	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.

Table 10. Oahu Category Changes					
Scope of Assessment	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**
Mamala Bay (Sand Island Offshore)	HIW00014	NH_4	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Mauna Lahilahi Beach	HI639551	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Maunalua Beach Park	HI430267	Turbidity	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Pokai Bay (Open Coastal)	HIW00018	Chl. *a*	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
		Turbidity	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
Pounders Beach	HI587568	Turbidity	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Pupukea Beach Co. Park	HI193495	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.

Table 10. Oahu Category Changes					
Scope of Assessment	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**
Wailupe Beach Park	HI432476	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.

Category changes from the 2024 listed marine water bodies that identify parameter where a change has occurred (e.g., new impartment listing, delisting, etc.). Parameter: Enterococci; TN=total nitrogen, TDN=total dissolved nitrogen, NO_3+NO_2=nitrate+nitrite-nitrogen, NH_4=ammonia-nitrogen, TP=total phosphorus, PO_4=orthophosphate, turbidity, Chl $_a$=chlorophyll a. Summary rationale codes: NND=new numerical data, NL=new impairment listing (assign category 5), DL=delisting, A2=assign category 2 (category change from 3 to 2). TBD=to be determined. EPA=Added by EPA

Table 11. Maui Category Changes					
Scope of Assessment	**Water Body ID**	**Parameter**	**Decision Action**	**Summary Rationale**	**Reason for Change**
Hanaka'o'o Beach Co Park	HI797917	TN	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Honokahua Nearshore	HIW20003	NO_3+NO_2	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
		NH_4	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
Honokowai Nearshore	HIW20004	NH_4	List Parameter	NND,NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Kahana Nearshore	HIW20008	TP	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
Kahoma Nearshore	HIW20009	NH_4	List Parameter	NND,NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
		Chl. *a*	List Parameter	NND,NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Kapoli Beach Co. Park	HI599968	TN	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.

Table 11. Maui Category Changes					
Scope of Assessment	**Water Body ID**	**Parameter**	**Decision Action**	**Summary Rationale**	**Reason for Change**
Kealia	HIW00224	NO_3+NO_2	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
Pohakea Nearshore	HIW20020	Enterococci	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
Wahikuli Nearshore	HIW20023	NH_4	List Parameter	NND,NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Waikapu Nearshore	HIW20026	NO_3+NO_2	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
Wailea Nearshore	HIW20027	TP	List Parameter	NND,NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
West Maui Coast-Kahana Village	HIW00076	NH_4	List Parameter	NND,NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.

Category changes from the 2024 listed marine water bodies that identify Parameters where a change has occurred (e.g., new impartment listing, delisting, etc.). Parameters: Enterococci; TN=total nitrogen, TDN=total dissolved nitrogen, NO_3+NO_2=nitrate+nitrite-nitrogen, NH_4=ammonia-nitrogen, TP=total phosphorus, PO_4=orthophosphate, turbidity, Chl $_a$=chlorophyll a. Summary rationale codes: NND=new numerical data, NL=new impairment listing (assign category 5), DL=delisting, A2=assign category 2 (category change from 3 to 2). TBD=to be determined.

Table 12. Lanai Category Changes					
Scope of Assessment	**Water Body ID**	**Parameter**	**Decision Action**	**Summary Rationale**	**Reason for Change**
Anapuka Nearshore	HIW50001	Turbidity	List Parameter	NND,NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
		Chl. *a*	List Parameter	NND,NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Kaluakoi Point to Huawai Bay	HIW00135	Turbidity	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
		Chl. *a*	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.

Category changes from the 2024 listed marine water bodies that identify parameters where a change has occurred (e.g., new impartment listing, delisting, etc.). Parameters: Enterococci; TN=total nitrogen, TDN=total dissolved nitrogen, NO_3+NO_2=nitrate+nitrite-nitrogen, NH_4=ammonia-nitrogen, TP=total phosphorus, PO_4=orthophosphate, turbidity, Chl $_a$=chlorophyll a. Summary rationale codes: NND=new numerical data, NL=new impairment listing (assign category 5), DL=delisting, A2=assign category 2 (category change from 3 to 2). TBD=to be determined.

Table 13. Hawaii Island Category Changes					
Scope of Assessment	**Water Body ID**	**Parameter**	**Decision Action**	**Summary Rationale**	**Reason for Change**
James Kealoha Park	HI670254	TN	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
		TP	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Keahole Point	HIW00203	NH_4	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
Keahole Nearshore	HIW40008	NO_3+NO_2	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Kona Dog Beach	HIW00226	Turbidity	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Leleiwi Beach Co Park Coastal	HIW00220	TN	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.

Table 13. Hawaii Island Category Changes					
Scope of Assessment	**Water Body ID**	**Parameter**	**Decision Action**	**Summary Rationale**	**Reason for Change**
Leleiwi Beach Co Park Coastal	HIW00220	TP	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Onekahakaha Beach Co Park	HI862286	TN	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Pine Trees-Honokohau	HIW00146	NO_3+NO_2	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
		NH_4	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Puako Bay	HIW00033	Turbidity	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Wawaloli Beach	HI643938	NO_3+NO_2	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.

Table 13. Hawaii Island Category Changes					
Scope of Assessment	**Water Body ID**	**Parameter**	**Decision Action**	**Summary Rationale**	**Reason for Change**
Wawaloli Beach	HI643938	PO_4	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
Waiola Nearshore Coastal	HIW40025	TP	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.

Category changes from the 2024 listed marine water bodies that identify parameters where a change has occurred (e.g., new impartment listing, delisting, etc.). Parameters: Enterococci; TN=total nitrogen, TDN=total dissolved nitrogen, NO_3+NO_2=nitrate+nitrite-nitrogen, NH_4=ammonia-nitrogen, TP=total phosphorus, PO_4=orthophosphate, turbidity, Chl $_a$=chlorophyll a. Summary rationale codes: NND=new numerical data, NL=new impairment listing (assign category 5), DL=delisting, A2=assign category 2 (category change from 3 to 2). TBD=to be determined. EPA=Added by EPA

CHAPTER 3: INLAND WATERS

PART A. Scope of Waters

Chapter 3 of the 2024IR covers all inland waters. Assessment units for the 2024 IR remain the same as in previous IRs. Inland waters are classified by type according to the HAR §11-54-2(b).

A.1. Assessment Unit

The basic (Tier I) assessment unit for the State's inland freshwaters is the entire network of hydrologically connected freshwater segments associated with a single listed stream, stream segment, or stream tributary. These freshwater segments and AUs can include one or more water body type as defined by HAR §11-54-2(b), including, but not limited to, intermittent streams, reservoirs, and wetlands (Table 14).

Table 14. Applicable water quality criteria and decision unit boundaries for inland water bodies.

Water Body Type[1]	Applicable Water Quality Criteria[2]	Decision Unit Boundary[3]
Flowing Seep	Basic/Recreational	Flowpath/Flow Surface
Flowing Spring	Basic/Recreational	Flowpath/Flow Surface
Elevated Wetland	Basic/Recreational/only pH	1987 Corps Delineation[4]
Low Wetland	Basic/Recreational	1987 Corps Delineation[4]
Intermittent Stream	Basic/Recreational/Stream Water Column/Stream Bottom	Entire Network or Sub-network[5]
Perennial Stream	Basic/Recreational/Stream Water Column/Stream Bottom	Entire Network or Sub-network[5]
Natural Freshwater Lake	Basic/Recreational	Lake
Freshwater Impoundment[6]	Basic/Recreational	Impoundment
Reservoir	Basic/Recreational	Reservoir
Ditch	Basic/Recreational	Ditch
Flume	Basic/Recreational	Flume
Drainage Ditch[7]	Basic/Recreational	Drainage Ditch
Canal[7]	Basic/Recreational	Canal
Estuary	Basic/Recreational/Estuary or Pearl Harbor Water Column/Bottom	Entire Network or Sub-network[5]

[1]HAR §11-54-2(b) inland water water body types; these definitions are applied to the definition of decision units. [2]HAR §11-54-4 basic water quality criteria applicable to all waters; HAR §11-54-8 specific criteria for inland recreational waters; HAR §11-54-5.2(b) specific criteria for stream water column; HAR Ch. 11-54-5.2(b)(1) bottom criteria for streams; HAR Ch. 11-54-5.2(c) specific criteria for elevated wetlands; HAR §11-54-5.2(d) specific criteria for estuaries. [3]HAR §11-54-5.1 establishes a system of water body classification and associated designated uses. [4]HAR §11-54-1 "...the identification and delineation of wetland boundaries shall be done following the procedures described in the U.S. Army Corps of Engineers' Wetland Delineation Manual (USACE 1987)." [5]HAR §11-54-1 "Stream system" means the aggregate of water features comprising or associated with a stream, including the stream itself and its tributaries, headwaters, ponds, wetlands, and estuary. A stream system is geographically delimited by the boundaries of its drainage basin or watershed. For stream attainment decision purposes, "associated" is interpreted as "hydrologically connected" and estuaries, ditches, flumes, drainage ditches, and canals are not included in the assessment. [6]This water body type is not defined by rule but is included in the definition of "Standing waters." [7]This water body type is not defined by rule but is included in the definition of "State waters."

A.1.1. Tiered Approach

A tiered approach, linked with the assessment decision criteria first adopted in Hawaii's 2002 §303(d) list of impaired waters, was used in past assessments to refine AUs for inland freshwater stream networks. Tier I AUs are used for initial attainment decisions as governed by the current §303(d) listing criteria and for defining the geographic scope of "legacy" listings based on visual assessments. Tier II AUs encompass segments and partial segments that can be more narrowly defined and assessed based on existing monitoring locations, data, and boundaries between water body types, and are used for attainment decisions on a case-by-case basis. Tier III AUs are established for TMDL development and other intensive monitoring and analysis purposes. Tier IV AUs are part of Tier III assessment units and defined based on the most detailed assessment information.

A.1.2. Assessment Unit Rationale and Implementation

HIDOH's current focus on defining AUs for inland freshwaters is based on:

(a) An assumption that streams are the most widespread and important inland freshwater body type to assess for achieving marine water quality goals;
(b) The lack of numeric water quality standards criteria for conventional chemical and physical parameters in most other freshwater body types;
(c) The unavailability of a complete water body inventory and present limitations for monitoring and assessing all water bodies, water quality criteria, and use attainment within each water body type.

AU boundaries for other inland freshwater body types are defined on a case-by-case basis when monitoring data and other assessment information is available, but generally encompass the entire water body.

A.1.3. Application of Criteria to Attainment Decisions

The §303(d) list of impaired waters applies to the entire inland freshwater portion of a stream system, including all hydrologically connected reaches, unless a case is documented in which smaller decision units are justified. The same method also applies to other water body types.

The HIDOH recommends non-HIDOH entities conducting similar monitoring, analysis, and planning activities to consult with HIDOH about sampling designs and information management protocols that will facilitate HIDOH's ability to use secondary data for attainment decisions. The entire hydrologic network within a watershed is the largest possible assessment unit for inland freshwater bodies, and may include the boundaries of the water body types as defined by HAR §11-54-2.

HIDOH encourages monitoring, analysis, and planning activities that acknowledge and consider the regulatory boundaries between specific water body types and demonstrate a rationale for segmenting each water body into smaller assessment units. The EPA's 2006 IR Guidance (U.S. EPA Watershed Branch 2005) provides a summary of factors to consider in developing these rationales.

PART B. Assessment Methodology

B.1. Recreational Health and Ecosystem Health Assessment

Standardized criteria enable HIDOH to periodically collect and assess datasets for water body evaluations. Datasets and supporting documentation are evaluated against numeric water quality criteria, henceforth referred to as WQS, where applicable, for listing/delisting decisions. New, readily available data that meet the CWB's QA/QC and data acceptance requirements are considered for assessment in the 2024 IR.

The WQS described in HAR §11-54 for recreational, nutrient, and water quality indicators in inland freshwaters are divided into "wet" (November through April) and "dry" (May through October) season criteria. This is in contrast to the "wet" and "dry" WQS applicable in marine waters, which are dependent on the amount of freshwater discharge per shoreline mile. Water quality standards for estuaries are not divided into "wet" and "dry" seasons.

Similar to marine waters, enterococci are the indicators used to evaluate recreational health in inland waters, while nutrients (TN, NO_3+NO_2, NH_4, and TP) and water quality field indicators (TSS, turbidity, and chlorophyll *a*) are used to determine ecosystem health. These parameters are evaluated for inland waters in the same manner as for marine waters, which is described in Chapter 2, Part B. The minimum number of samples required to evaluate inland waters for enterococci is the same as required to evaluate marine waters (30 samples per season collected over 2 years). The minimum number of samples required to evaluate inland waters for nutrients is 30 samples per season over the two-year assessment period.

Decisions for listing/delisting (§303(d)) parameters for inland waters follow the same protocol as marine waters (Figure 1). For the 2024 IR, inland waters follow the same assessment methodology as marine waters for recreational and ecosystem health water quality assessment. Similar to marine waters, nutrient WQS vary depending on water body type, whereas recreational health WQS remain the same for all waters (Table 15).

Table 15. Applicable water body type and WQS for inland water bodies.

Water Body Type	Description	Recreational WQS	Nutrient WQS
Estuaries	As defined in HAR §11-54-1	HAR §11-54-8	Estuaries, HAR §11-54-5.2(d)(1) and (d)(2) for Pearl Harbor
Streams	As defined in HAR §11-54-1	HAR §11-54-8	Streams, HAR §11-54-5.2(b)

B.2. Public Health Issues

Leptospirosis Threat

The Leptospira bacteria is not included as a specific water quality standard parameter. However, all inland freshwaters within the State are considered potential sources of leptospirosis infection

by the Disease Outbreak Control Division of HIDOH. No direct tests have been approved or utilized to ascertain the extent of the public health threat through water sampling. Epidemiologic evidence has linked several illness outbreaks to contact with freshwater, leading authorities to issue blanket advisories for all inland freshwaters of the State.

Fish Consumption Advisory

Pearl Harbor and Ala Wai Canal have been identified and posted as areas where fish and shellfish should not be consumed. Contamination of fish and shellfish include organochlorine pesticides and/or polychlorinated biphenyls and lead.

B.3. Water Body ID

Numerous conventions for naming and coding Hawaii's water bodies and AU boundaries have been designed and used over time. Building a comprehensive statewide water body inventory that standardizes these conventions for use by HIDOH and others is an ongoing intergovernmental resource management task. Geocode ID (or water body identification) for inland freshwater assessment units are based on the Hawaii Stream Assessment Coding System (Hawaii Cooperative Park Service Unit 1990) with some modifications, as noted in the 2006 IR. Similar to marine waters, geocode IDs for inland waters were renamed to water body ID in the 2016 IR because they serve as an internal unique identifier and do not relate to geospatial information. Development of GIS maps for the §303(d) impaired waters list and §305(b) water bodies for inland waters will coincide with the development of the standardized assessment methodology for inland waters and therefore come at a later date.

PART C. Results

C.1. Inland Waters Assessment Results

Eight inland freshwater bodies and four estuaries are assessed in this report. These assessed inland water bodies are summarized in Tables 16 and 17. A summary of category changes for inland waters are located in tables 18 and 19.

- Waipa Stream (Kauai) (wet and dry season)
- Waipa estuary (Kauai)
- Heeia Estuary (Oahu)
- Kaelepulu Stream-Kailua Beach (Oahu)
- Kahaluu Estuary (Oahu)
- Kalihi Stream (Oahu) (wet and dry season)
- Kaupuni Stream (Oahu)

Table 16. Assessed Inland Water Bodies in the 2024 vs 2022 IR Cycles

Island	Total Inland AUs in 2024	Inland AUs Assessed in 2024	% Assessed	Total Inland AUs in 2022	Inland AUs assessed in 2022	% Assessed
Kauai	36	2	22%	36	8	6%
Oahu	72	5	6%	71	4	0%
Molokai	6	0	0%	6	0	0%
Lanai	--	0	N/A	--	--	N/A
Maui	50	0	0%	50	0	0%
Hawaii	40	0	0%	40	0	N/A
Total	**204**	**7**	**3%**	**203**	**12**	**6%**

Not assessed = --.

Table 17. New Parameter Listings and Delistings in the 2024 IR cycle vs 2022 cycle

Island	2024 New Parameter Listings	2022 New Parameter Listings	% Change	2024 New Parameter Delistings	2022 New Parameter Delistings	% Change
Kauai	2	11	-91%	1	2	-50%
Oahu	6	9	-33%	0	3	-100%
Molokai	0	0	N/A	0	0	N/A
Lanai	0	0	N/A	0	0	N/A
Maui	0	0	N/A	0	0	N/A
Hawaii	0	0	N/A	0	0	N/A
Total	**8**	**20**	-60%	**1**	**5**	-80%

Streams Wet Season

Kauai

Waipa stream was previously assessed in the 2018 IR. At the time it had not attained the turbidity standard and was under a TMDL for the parameter. Waipa stream attained the wet season turbidity standard based on new numeric data. The stream had not been previously assessed for enterococci during the wet season. Using new numerical data, Waipa stream did not attain enterococci standards during the wet season and was listed for the parameter.

Oahu

Kalihi stream was previously assessed in 2006. It did not attain for TN and NO_3+NO_2 and attained for TP, turbidity, and TSS. Based on new data collected for the Keehi TMDL, turbidity was found to not attain stream standards and was listed. Total Nitrogen and NO_3+NO_2 continued to not attain and TP continued to attain based on collected data.

Kaupuni stream was initially listed as impaired for TN, NO_3+NO_2, TP, and turbidity based on visual assessment in 2006. Based on new data collected for the 2024 IR, TN, NO_3+NO_2, and TP were confirmed to be impaired and remained listed. TSS did meet the stream standards.

Streams Dry Season

Kauai
Waipa stream was previously assessed in the 2018 IR. At the time it had not attained the turbidity standard and was under a TMDL for the parameter. Based on new numeric data, Waipa stream met the dry season turbidity standard and was delisted for the parameter.

Waipa stream had not been previously assessed for enterococci. In the 2024 IR, sufficient data was collected and the stream was found to not meet the enterococci standard during the dry season and was listed for the parameter.

Oahu
Kalihi stream was previously assessed in 2006. At the time, it did not attain the NO_3+NO_2 and turbidity standards. Based on new data collected, Kalihi stream continues to not attain these standards and was also newly listed for TN and TP.

Kaupuni stream was initially listed as impaired for TN, NO_3+NO_2, TP, and turbidity based on visual assessment in 2006. Based on new data collected for the 2024 IR, TN, NO_3+NO_2, and TP were confirmed to be impaired and remained listed. TSS did not meet WQS and was listed this cycle.

Estuaries

Kauai
Waipa estuary continues to exceed the enterococci and turbidity estuary standards as in previous IRs.

Oahu
Based on data collected for the 2024 IR, Kahaluu estuary remains impaired for enterococci. Heeia estuary is a new estuary AU created based on data collected for the 2024 IR. Data indicates that the estuary does not meet the enterococci standard and was listed as impaired. Kaelepulu Stream-Kailua Beach was first listed in 2008 for Enterococci, TN, TP, Turbidity, and Chl. a. Due to not meeting salinity requirements for streams, data previously used to assess Kaelepulu stream was reattributed to Kaelepulu Stream-Kailua Beach. This data reconfirmed TN, TP, turbidity, and Chl. *a* impairments. The data also showed that the estuary was impaired for NO_3+NO_2 and NH_4 and was subsequently listed. Enterococci data collected this cycle showed that the estuary is still impaired for the parameter.

Table 18. Kauai Category Changes					
Scope of Assessment	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**	**Scope of Assessment**
Waipa Stream (dry)	2-1-17	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
		Turbidity	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.
Waipa stream (wet)	2-1-17	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
		Turbidity	Delist Parameter	NND, DL	**ASSIGN cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in category change from 5 to 2.

Category changes from the 2024 listed marine water bodies that identify parameters where a change has occurred (e.g., new impartment listing, delisting, etc.). Parameters: Enterococci; TN=total nitrogen, TDN=total dissolved nitrogen, NO_3+NO_2=nitrate+nitrite-nitrogen, NH_4=ammonia-nitrogen, TP=total phosphorus, PO_4=orthophosphate, turbidity, Chl $_a$=chlorophyll a. Summary rationale codes: NND=new numerical data, NL=new impairment listing (assign category 5), DL=delisting, A2=assign category 2 (category change from 3 to 2).

Table 19. Oahu Category Changes					
Scope of Assessment	**Water Body ID**	**Parameter**	**Decision Action**	**Summary rationale**	**Reason for change**
Heeia Estuary	3-2-08-E	Enterococci	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Kalihi (Dry)	3-3-11	TN	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
		TP	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 2 to 5.
Kalihi (Wet)	3-3-11	Turbidity	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
Kaelepulu Stream-Kailua Beach	HIW00182	NO_3+NO_2	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.
		NH_4	List Parameter	NND, NL	**ASSIGN cat. 5**; Assessment of new data indicates that applicable WQS are not being attained, resulting in a category change from 3 to 5.

Category changes from the 2024 listed marine water bodies that identify parameters where a change has occurred (e.g., new impartment listing, delisting, etc.). Parameters: Enterococci; TN=total nitrogen, TDN=total dissolved nitrogen, NO_3+NO_2=nitrate+nitrite-nitrogen, NH_4=ammonia-nitrogen, TP=total phosphorus, PO_4=orthophosphate, turbidity, Chl $_a$=chlorophyll a. Summary rationale codes: NND=new numerical data, NL=new impairment listing (assign category 5), DL=delisting, A2=assign category 2 (category change from 3 to 2).

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APPENDIX A: Data Sources

City and County of Honolulu (CCH)

The CCH collects enterococci, nutrient, and water quality indictor (turbidity, TSS and chlorophyll *a*) samples from shoreline, near shore, and offshore locations on Oahu as part of their NPDES permit requirements for wastewater treatment plants (WWTP). Enterococci, nutrient, and water quality indicator data collected from control stations located in receiving water bodies on Oahu between November 1, 2021 and Septmeber 30, 2023 are included in the 2024 IR assessment. The WWTPs are located in Waianae, Honouliuli, Sand Island, and Kailua (Mokapu).

Clean Water Branch

The CWB collects statewide shoreline enterococci and other water quality indicator (turbidity, TSS, and chlorophyll *a*) samples as part of EPA's BEACH program. In addition, CWB routinely collects shoreline samples for chemical nutrients from various sites statewide Shoreline data collected between November 1, 2021 and September 30, 2023 on Kauai, Maui, Oahu, and Hawaii were included in the 2024 IR assessment. Sufficient shoreline data was not collected by CWB on Lanai and Molokai within that timeframe. The CWB monitoring and analysis section QA/QC is governed by the CWB Beach Monitoring and Coastal Chemistry Monitoring QAPP.

Discharge Monitoring Reports (DMRs)

NPDES permitted facilities throughout the State (e.g. Sunrise Capital, Port Allen Generating Station, Wailua WWTP, Par Hawaii Refinery, East Honolulu WWTP, HECO, Kahului Generating Station, Kulaimano WWTP, Papaikou-Paukaa WWTP, Hilo WWTP, and Keahole Point Fish) are required to monitor and submit enterococci, nutrient, and water quality indicator (turbidity and chlorophyll *a*) data via DMRs. Water quality data collected from control stations in receiving water bodies on Kauai, Maui, Oahu, and Hawaii between November 1, 2021 and Septmeber 30, 2023 are included in the 2024 IR assessment. DMRs help provide additional water quality information to the monitoring and analysis program to ensure that Hawaii's water resources are protected and restored.

Hui O Ka Wai Ola

Hui O Ka Wai Ola is a non-profit organization whose goal is to increase the capacity for monitoring water quality in Maui coastal waters. The organization collects nutrient and water quality indicator (turbidity) data from the Maui shoreline. Data collected between November 1, 2021 and September 30, 2023 were used in the 2024 IR assessment. The monitoring program was developed with assistance from the CWB to ensure that data collected will meet quality assurance and quality control parameters acceptable to the CWB.

Marine Research Consultants (MRC)

MRC is a private research company headed by Steve Dollar, PhD. MRC collects nutrient and water quality indicator (turbidity and chlorophyll *a*) samples to characterize coastal water quality (according to HAR §11-54-6), for Hulopoe Bay on Lanai. All data collected between November 1, 2021 and September 30, 2023 follow a prepared sampling methodology and documented analysis methodology as described in 40 CFR §136.3. In 2018, MRC changed labs from Marine Analytical Specialists to Marine Consulting and Analytical Resources, LLC.

Natural Energy Laboratory of Hawaii Authority (NELHA)

NELHA is a state operated facility under the Department of Business, Economic Development, and Tourism that provides the CWB with nutrient and water quality indicator (turbidity and chlorophyll *a*) data via their

Annual Comprehensive Environmental Monitoring Report. The monitoring efforts fulfill regulatory requirements to ensure the protection of Keahole Point's environmental resources on Hawaii. The data collected between November 1, 2021 and September 30, 2023 were used in the 2024 IR assessment. NEHLA has implemented the standard sampling procedure and analytical protocol of HAR §11-54-10 for its quarterly ocean transect sampling program. The NELHA Water Quality Laboratory follows Standard Methods for the Examination of Water and Wastewater 22nd Edition (2012) and EPA test methods for its analytical procedures. They were also contracted to perform nutrient and water quality indicator analyses for the CWB.

Pacific Islands Ocean Observing System (PacIOOS)
PacIOOS is a part of the United States Integrated Ocean Observing System and is based out of the University of Hawaii at Manoa (UHM). PacIOOS monitors for temperature, salinity, turbidity, and chlorophyll *a* in nearshore waters across the state. They also maintain sensors in various territories and countries across the Pacific. Data collected from November 1, 2021 to September 30, 2023 were used in the 2024 IR.

Surfrider Foundation Blue Water Task Force
The Blue Water Task Force is a program under the Surfrider Foundation that monitors bacteria levels in coastal and freshwater waterbodies across the nation. Data was retrieved from the Oahu and Kauai chapters. Data collected from November 1, 2021 to September 30, 2023 was considered for assessment in the 2024 IR.

Waimea Water Services
Waimea Water Services is a company on Hawaii Island and took over monitoring projects from Richard Brock, PhD, in 2019. Waimea Water Services collects nutrient and water quality indicator (turbidity and chlorophyll *a*) samples for the western Kona coast of Hawaii.

Water Resources Research Center
WRRC is an affiliate of the UHM and was contracted by CWB in January of 2020 as a second laboratory to provide enterococci data in conjunction with SLD. Data collected between November 1, 2021 and September 30, 2023 was used in the 2024 IR assessment.

APPENDIX B: §305(b) Assessment of State Waters

Legend for Inland Waters

Scope of Assessment: EN = Entire network; EE = Entire estuary; ER = Entire reservoir; EW = Entire wetland; EL = Entire lake; E = Estuary
Water Body Type: P = Pearl Harbor

Legend for Marine Waters

Water Body Type: B = Embayment; C = Open coastal; O = Oceanic; K = Kona marine waters

Legend for Inland or Marine Waters

Decision Codes: - = Insufficient data; A = Attained; Ac = Attained (with combined seasonal data); N = Not attained; Nc – Not attained (with combined seasonal data); N1 = Not attained (2x the standard); N1c = Not attained (with combined data, 2x the standard); V = Visual listing from 2001-2004; Y = Previous listing from 1998 or earlier; NA = Not applicable; Subscript $_T$ denotes TMDL approved for parameter
Category: 1 = All uses attained; 2 = Some uses attained; 3 = Not enough data to evaluate; 4a = Not attained but TMDL approved; 5 = At least one use not attained, TMDL needed
N = Gray shading denotes assessment confirmed with new data
N = Bold, italicized, underlined and shaded notations denote change from previous list
Beach = Red shading denotes disappearance of sample location due to volcanic activity

Table 1. KAUAI Inland Waters

Assessed Water Body	Water Body Type	Scope of Assessment	Water Body ID	Season	Enterococci	TN	$NO_{3+}NO_2$	TP	Turbidity	TSS	Other Parameters	Category
Aakukui	Stream	EN	2-4-02		-	-	-	-	-	-		3
Aliomanu	Stream	EN	2-1-36		-	-	-	-	-	-		3
Anahola	Stream	EN	2-2-01	Dry	N	Ac	A	A	N	A		2,3,5
Anahola	Stream	EN	2-2-01	Wet	N	Ac	Ac	Ac	N	Ac		2,3,5
Black Pot Beach Park	Estuary	EE	HI891354	NA	-	-	-	-	-	NA	NH_4 (-) Chl *a*(-)	3
Hanakapiai	Stream	EN	2-1-10		-	-	-	-	-	-		3
Hanalei	Stream	EN	2-1-19	Dry	N_T	A	A	N	A_T	A_T		2,4a,5
Hanalei	Stream	EN	2-1-19	Wet	N_T	A	A	A	A_T	A_T		2,4a
Hanalei Bay upstream of Dolphin	Estuary	EE	HIW00160	NA	$-_T$	-	-	-	N_T	NA	NH_4 (-) Chl *a* (-)	3,4a
Hanalei River (End of Weke Road)	Estuary	EE	HI385259	NA	N_T	A	A	N	N_T	NA	NH_4(N) Chl *a*(A)	2,4a,5
Hanamaulu	Stream	EN	2-2-12	Dry	-	-	-	-	N	-		3,5
Hanamaulu	Stream	EN	2-2-12	Wet	-	-	-	-	N	-		3,5
Hanapepe	Stream	EN	2-3-07	Dry	-	A	A	A	N	A		2,3,5
Hanapepe	Stream	EN	2-3-07	Wet	-	Ac	Ac	Ac	V	Ac		2,3,5
Huleia	Stream	EN	2-2-15	Dry	N_T	N_T	N_T	A_T	V_T	A_T		4a
Huleia	Stream	EN	2-2-15	Wet	N_T	A_T	A_T	A_T	A_T	A_T		4a
Kalihiwai	Stream	EN	2-1-25	Wet	N	-	-	-	-	-		3,5
Kalihiwai	Stream	EN	2-1-25	Dry	N	-	-	-	-	-		3,5
Kapaa	Stream	EN	2-2-04	Dry	-	A	A	A	N	A		2,3,5
Kapaa	Stream	EN	2-2-04	Wet	-	A	A	A	N	A		2,3,5
Kilauea	Stream	EN	2-1-28	Dry	-	A	A	A	N	A		2,3,5
Kilauea	Stream	EN	2-1-28	Wet	-	Ac	Ac	Ac	N	Ac		2,3,5
Kipu	Stream	EN	2-3-01		-	-	-	-	-	-		3
Lawai	Stream	EN	2-3-04	Dry	-	N	N	A	N	A		2,3,5

Table 1. KAUAI Inland Waters												
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Enterococci**	**TN**	**$NO_{3+}NO_2$**	**TP**	**Turbidity**	**TSS**	**Other Parameters**	**Category**
Lawai	Stream	EN	2-3-04	Wet	-	Ac	Ac	Ac	N	Ac		2,3,5
Limahuli	Stream	EN	2-1-12	Dry	-	A	N	A	-	A		2,3,5
Limahuli	Stream	EN	2-1-12	Wet	-	-	-	-	Ac	-		2,3
Lumahai	Stream	EN	2-1-15		-	-	-	-	-	-		3
Mahinauli	Stream	EN	2-4-01		-	-	-	-	-	-		3
Manoa	Stream	EN	2-1-13	Dry	-	Ac	Ac	Ac	N1	Ac		2,3,5
Manoa	Stream	EN	2-1-13	Wet	-	Ac	Ac	Ac	Nc	Ac		2,3,5
Moloaa	Stream	EN	2-1-34	Dry	N	A	A	A	N	A		2,3,5
Moloaa	Stream	EN	2-1-34	Wet	N	-	-	-	N	-		3,5
Nawiliwili	Stream	EN	2-2-13	Dry	N_T	N_T	N_T	A_T	V_T	A_T		4a
Nawiliwili	Stream	EN	2-2-13	Wet	N_T	N_T	N_T	A_T	A_T	A_T		4a
Papaa	Stream	EN	2-1-35	Dry	-	N1	N1	Ac	N1	Ac		2,3,5
Papaa	Stream	EN	2-1-35	Wet	-	-	-	-	-	-		3
Papakolea	Stream	EN	2-2-16	Dry	N_T	N_T	N_T	N_T	N_T	N_T		4a
Papakolea	Stream	EN	2-2-16	Wet	N_T	N_T	N_T	N_T	N_T	N_T		4a
Puali	Stream	EN	2-2-14	Dry	N_T	N_T	N_T	A_T	$N1_T$	A_T		4a
Puali	Stream	EN	2-2-14	Wet	N_T	Nc_T	$N1_T$	Ac_T	Nc_T	Ac_T		4a
Uhelekawawa	Stream	EN	2-2-Uhelekawawa		-	-	-	-	V	-		3,5
Wahiawa	Stream	EN	2-3-06	Dry	-	N1	N1	A	N1	A		2,3,5
Wahiawa	Stream	EN	2-3-06	Wet	-	Nc	Nc	Ac	Nc	Ac		2,3,5
Waikoko	Estuary	EE	HIW00162	NA	N	N	N	N	N_T	NA	NH_4(N) Chl *a*(A)	2,4a,5
Waikomo	Stream	EN	2-3-02	Dry	-	Nc	N1	Ac	N1	Ac		2,3,5
Waikomo	Stream	EN	2-3-02	Wet	-	Nc	Nc	Ac	Nc	Ac		2,3,5
Wailua	Stream	EN	2-2-08	Dry	N	Ac	Ac	Ac	N	Ac		2,3,5
Wailua	Stream	EN	2-2-08	Wet	N	-	-	-	-	-		3,5
Waimea	Stream	EN	2-4-04	Dry	-	A	A	N	N	A		2,3,5

Table 1. KAUAI Inland Waters												
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Enterococci**	**TN**	**$NO_{3+}NO_2$**	**TP**	**Turbidity**	**TSS**	**Other Parameters**	**Category**
Waimea	Stream	EN	2-4-04	Wet	-	Ac	Ac	Ac	V	Ac		2,3,5
Waimea	Estuary	EE	2-4-04-E	NA	-	-	-	-	V	NA		3,5
Wainiha	Stream	EN	2-1-14	Dry	-	Ac	Ac	Ac	Ac	Ac		2,3
Wainiha	Stream	EN	2-1-14	Wet	-	Ac	Ac	Ac	Ac	Ac		2,3
Waioli	Estuary	EE	HIW00163	NA	N	A	N	N	N_T	NA	NH_4(N) Chl *a*(A)	2,4a,5
Waioli	Stream	EN	2-1-18	Dry	N	N	A	A	N	A		2,5
Waioli	Stream	EN	2-1-18	Wet	N	A	A	A	N	-		2,3,5
Waiopili	Stream	EN	2-3-99	Dry	-	-	-	-	-	-		3
Waiopili	Stream	EN	2-3-99	Wet	N	-	-	-	N	-		3,5
Waipa	Estuary	EE	HIW00164	NA	N	A	A	A	N_T	NA	NH_4(A) Chl *a*(A)	2,4a,5
Waipa	Stream	EN	2-1-17	Dry	***N***	A	A	A	***A_T***	A_T		2,3,4a
Waipa	Stream	EN	2-1-17	Wet	*N*	-	-	-	***A_T***	-		2,3,5

Table 2. KAUAI Marine Waters

Most marine water bodies are located (*) within their respective CWB nearshrore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.

*Nearshore Assessment Unit with Individual Water Bodies	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
AAKUKUI NEARSHORE	C	HIW30001	Wet	A	-	-	-	-	N	-		2,3,5
*Pakala (Makaweli)	C	HI468251	Wet	A	-	-	-	-	N	-		2,3,5
AEPO NEARSHORE	B	HIW30002	Dry	A	-	-	-	-	N	-		2,3,5
*Kukuiula Bay	B	HI619039	Dry	A	-	-	-	-	N	-		2,3,5
AEPO NEARSHORE	C	HIW30003	Dry	-	-	-	-	-	-	-		3
*Spouting Horn Beach Co. Park	C	HI951651	Dry	-	-	-	-	-	-	-		3
ANAHOLA NEARSHORE	C	HIW30004	Wet	A	***A***	-	-	***A***	N	***N***		2,3,5
*Anahola Beach Park	C	HI823433	Wet	A	***A***	-	-	***A***	N	***N***		2,3,5
HANALEI NEARSHORE	B	HIW30005	Wet	A_T	A	N	N	A	N_T	N		2,4a,5
*Hanalei Bay (Landing)	B	HIW00093	Wet	N_T	-	-	-	-	N_T	-		3,4a
*Hanalei Bay (Pavilion)	B	HIW00092	Wet	A_T	A	N	N	A	N_T	N		2,4a,5
HANAMAULU NEARSHORE	B	HIW30006	Wet	-	-	-	-	-	-	-		3
*Hanama'ulu Bay (Beach)	B	HIW00094	Wet	N	-	-	-	-	N	-		3,5
HANAPEPE NEARSHORE	B	HIW30007	Wet	-	A	A	N	A	N	A		2,3,5
*Port Allen Boat Harbor (Port Allen Pier)	B	HIW00026	Wet	-	A	A	N	A	N	A		2,3,5
Port Allen Boat Harbor	B	HIW00120	Wet	-	-	-	-	-	-	-		3
HOEA NEARSHORE	C	HIW30008	Dry	A	***A***	-	-	***A***	N	***N***		2,3,5
Kekaha Beach Co. Park	C	HI530569	Dry	A	***A***	-	-	***A***	N	***N***		2,3,5
KALIHIKAI CENTER NEARSHORE	C	HIW30009	Wet	N	-	-	-	-	N	-		3,5
*Anini Beach Park	C	HI418744	Wet	N	-	-	-	-	N	-		3,5
KALIHIKAI WEST NEARSHORE	C	HIW30010	Wet	A	-	-	-	-	N	-		2,3,5
*Anini Beach	C	HI338804	Wet	A	-	-	-	-	N	-		2,3,5
KALIHIWAI NEARSHORE	C	HIW30011	Wet	A	-	-	-	-	N	-	Trash (-)	2,3,5

Table 2. KAUAI Marine Waters												
Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.												
***Nearshore Assessment Unit with Individual Water Bodies**	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**$NO_{3+}NO_2$**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
*Kalihiwai Bay	C	HI264001	Wet	A	-	-	-	-	N	-	Trash (-)	2,3,5
KAPAA NEARSHORE	C	HIW30012	Wet	A	-	-	-	-	N	-	Trash (-)	2,3,5
*Kealia	C	HI402035	Wet	A	-	-	-	-	N	-	Trash (-)	2,3,5
KAPILIMAO NEARSHORE	C	HIW30013	Dry	A	-	-	-	-	N	-		2,3,5
*Kikiaola Beach	C	HI119207	Dry	-	-	-	-	-	-	-		3
KAULAULA NEARSHORE	C	HIW30014	Dry	-	-	-	-	-	-	-		3
*Polihale State Park	C	HI247403	Dry	A	-	-	-	-	N	-		2,3,5
KAUMAKANI NEARSHORE	C	HIW30015	Wet	A	A	N	N	A	N	***N***		2,5
*Salt Pond Beach Co. Park	C	HI701008	Wet	A	A	N	N	A	N	***N***		2,5
KAWAILOA NEARSHORE	C	HIW30016	Wet	A	A	A	N	A	N	A	Trash (-)	2,5
*Lydgate Park	C	HI798758	Wet	A	A	A	N	A	N	A	Trash (-)	2,5
*Nukolii Beach Park	C	HI502794	Wet	A	-	-	-	-	N	-		2,3,5
KIPU KAI NEARSHORE	C	HIW30017	Dry	-	-	-	-	-	-	-	Trash (-)	3
Kipu Kai	C	HI266627	Dry	-	-	-	-	-	-	-	Trash (-)	3
LAWAI NEARSHORE	C	HIW30018	Wet	-	-	-	-	-	-	-		3
*Lawa'i Kai	C	HI434882	Wet	-	-	-	-	-	-	-		3
*Palama Beach (Nomilu)	C	HI665178	Wet	-	-	-	-	-	-	-		3
LIMAHULI NEARSHORE	C	HIW30019	Wet	A	-	-	-	-	N	-		2,3,5
*Kee Beach	C	HI124511	Wet	A	-	-	-	-	N	-		2,3,5
LUMAHAI NEARSHORE	C	HIW30020	Wet	-	-	-	-	-	-	-	Trash (-)	3
*Lumaha'i Beach	C	HI889639	Wet	N	-	-	-	-	N	-	Trash (-)	3,5
MAHAULEPU NEARSHORE	C	HIW30021	Dry	A	-	-	-	-	N	-	Trash (-)	2,3,5
*Gillin's Beach	C	HI976083	Dry	-	-	-	-	-	-	-	Trash (-)	3
*Haula Beach	C	HI277808	Dry	-	-	-	-	-	-	-		3
*Kawailoa Beach	C	HI698776	Dry	-	-	-	-	-	-	-		3
*Shipwreck Beach	C	HI358435	Dry	A	-	-	-	-	N	-		2,3,5
MANOA NEARSHORE	C	HIW30022	Wet	A	-	-	-	-	N	-		2,3,5

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***Nearshore Assessment Unit with Individual Water Bodies**	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
*Haena Beach Park	C	HI554189	Wet	A	-	-	-	-	N	-		2,3,5
*Tunnels Beach	C	HI936087	Wet	A	-	-	-	-	N	-		2,3,5
MOIKEHA NEARSHORE	C	HIW30023	Wet	-	-	-	-	-	-	-		3
*Kapa'a Beach Co. Park	C	HI972832	Wet	A	-	-	-	-	N	-		2,3,5
NIU NEARSHORE	C	HIW30024	Dry	-	-	-	-	-	-	-		3
*Pacific Missile Range Facility/Barking Sands Beach	C	HI176480	Dry	A	A	A	A	A	N	A		2,5
NAWILIWILI NEARSHORE	B	HIW30025	Dry	***N***	A	N	N	A	N	N		2,5
*Nawiliwili Bay (Kalapaki Beach)	B	HIW00114	Dry	***N***	A	N	N	A	N	N		2,5
*Nawiliwili Bay (Nawiliwili Harbor)	B	HIW00115	Dry	A	A	N	N	A	N	N		2,5
WAHIAWA NEARSHORE	C	HIW30026	Wet	-	-	-	-	-	-	-		3
*Glass Beach	C	HI949505	Wet	-	-	-	-	-	-	-		3
WAHIAWA NEARSHORE	B	HIW30027	Wet	-	-	-	-	-	-	-		3
*Wahiawa Bay	B	HI179708	Wet	-	-	-	-	-	-	-		3
WAIKAEA NEARSHORE	C	HIW30028	Wet	-	-	-	-	-	N	-		3,5
*Waipouli Beach	C	HI682678	Wet	A	-	-	-	-	N	-		2,3,5
WAIKOMO NEARSHORE	C	HIW30029	Dry	A	***N***	N	N	A	N	***N***		2,5
*Beach House Beach	C	HI156238	Dry	A	-	-	-	-	N	-		2,3,5
*Brennecke Beach	C	HI166521	Dry	A	-	-	-	-	N	-		2,3,5
*Koloa Landing	C	HI955435	Dry	N	-	-	-	-	N	-		3,5
*Po'ipu Beach Co. Park	C	HI396850	Dry	A	A	N	N	A	N	A		2,3,5
*Prince Kuhio Park	C	HI742228	Dry	A	-	-	-	-	N	-		2,3,5
*Sheraton Beach	C	HI542569	Dry	A	-	-	-	-	N	-		2,3,5
*Wai'ohai Beach	C	HI392082	Dry	A	-	-	-	-	N	-		2,3,5
WAILEIA NEARSHORE	B	HIW30030	Wet	-	-	-	-	-	-	-		3
*Princeville	B	HI520271	Wet	-	-	-	-	-	-	-		3

Table 2. KAUAI Marine Waters												
Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.												
***Nearshore Assessment Unit with Individual Water Bodies**	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**$NO_{3+}NO_2$**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
WAILUA NEARSHORE	C	HIW30031	Wet	A	-	-	-	-	N	-		2,3,5
*Wailua (Wailua River Station)	C	HI606168	Wet	A	-	-	-	-	N	-		2,3,5
WAIMEA NEARSHORE	C	HIW30032	Dry	N	-	-	-	-	N	-		3,5
*Waimea Bay Beach (Near River Station)	C	HI862821	Dry	N	-	-	-	-	-	-		3,5
*Waimea Rec. Pier St. Park	C	HI245235	Dry	N	-	-	-	-	N	-		3,5
WAINIHA NEARSHORE	C	HIW30033	Wet	-	-	-	-	-	-	-		3
*Kepuhi Beach	C	HI344813	Wet	-	-	-	-	-	-	-		3
*Wainiha Bay	C	HI417823	Wet	-	-	-	-	-	-	-		3
WAIOLI NEARSHORE	B	HIW30034	Wet	A_T	-	-	-	-	N_T	-		2,3,4a
*Hanalei Bay (Waioli Beach)	B	HIW00091	Wet	A_T	-	-	-	-	N_T	-		2,3,4a
WAIPA NEARSHORE	B	HIW30035	Wet	-	-	-	-	-	-	-		3
*Waikoko Bay	B	HI330114	Wet	-	-	-	-	-	-	-		3

Table 3. KAUAI Marine Waters - Not Associated with a Nearshore AU

Scopes of Assessment Not Associated with a Nearshore AU	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
Aliomanu Beach	C	HI710019	Wet	-	-	-	-	-	-	-		3
Donkey Park	C	HI853903	Wet	-	-	-	-	-	-	-		3
Hanakapi'ai Beach	C	HI797414	Wet	-	-	-	-	-	-	-		3
Hanalei Bay Mooring Station	B	HIW00157	Wet	N	-	-	-	-	-	-		3,4a
Hanama'ulu Bay	B	HIW00063	Wet	-	-	-	-	-	N	-		3,5
Hanapepe Bay	B	HIW00095	Wet	-	-	-	-	-	-	-		3
Hanapepe Bay-from breakwater to shore and near shore waters to 30' from Puolo Point to Paakehi Point	B	HIW00048	Wet	-	Y	Y	-	Y	-	-		3,5
Kahili Beach	C	HI533519	Wet	-	-	-	-	-	-	-		3
Kalalau Beach	C	HI908803	Wet	-	-	-	-	-	-	-		3
Kauapea Beach (Secret Beach)	C	HI669328	Wet	-	-	-	-	-	-	-		3
Kikiaola Boat Harbor	B	HIW00112	Dry	-	-	-	-	-	-	-		3
Kipu Kai	C	HI266627	Wet	-	-	-	-	-	-	-		3
Kukuiula Bay	B	HIW00113	Dry	-	-	-	-	-	-	-		3
Larsens Beach	C	HI860960	Wet	-	-	-	-	-	-	-		3
Maha'ulepu Beach	C	HI533799	Dry	-	-	-	-	-	-	-		3
Mana Point	C	HIW00184	Dry	-	N	A	N	A	A	N		2,3,5
Miloli'i	C	HI333210	Dry	-	-	-	-	-	-	-		3
Moloa'a Bay	C	HI547745	Wet	-	-	-	-	-	-	-		3
Na Pali Coast State Park	C	HI709808	Wet	-	-	-	-	-	-	-		3
Nawiliwili Bay (Offshore)	B	HIW00116	Wet	-	-	N	N	-	N	N		3,5
Nawiliwili Bay-from breakwater to shore	B	HIW00059	Dry	-	Y	Y	-	Y	Y	-		3,5
Nu'alolo	C	HI945520	Wet	-	-	-	-	-	-	-		3
Pacific Missile Range Facility (Open Coastal)	C	HIW00212	Dry	-	A	A	A	A	N	N		2,3,5
Papa'a Bay	C	HI130639	Wet	-	-	-	-	-	-	-		3
Pila'a Beach	C	HI363048	Wet	-	-	-	-	-	-	-		3

Table 3. KAUAI Marine Waters - Not Associated with a Nearshore AU												
Scopes of Assessment Not Associated with a Nearshore AU	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
Port Allen	C	HIW00185	Wet	-	A	A	A	A	-	A		2,3
Wahiawa Bay	B	HIW00121	Wet	-	-	-	-	-	-	-		3
Waiakalua Iki Beach	C	HI505816	Wet	-	-	-	-	-	-	-		3
Waiakalua Nui Beach	C	HI371632	Wet	-	-	-	-	-	-	-		3
Wailua (Open Coastal)	C	HIW00215	Wet	N	A	***A***	***A***	A	***A***	***N***		2,5
Waimea Bay Beach-near shore waters to 18' from Kekaha Oomano Point-1.5 miles SE of Mahinaui Stream	C	HIW00057	Dry	-	-	-	-	-	Y	-	TSS	3,5

Table 4. OAHU Inland Waters

Assessed Water Body	Water Body Type	Scope of Assessment	Water Body ID	Season	Enterococci	TN	NO_3+NO_2	TP	Turbidity	TSS	Other Parameters	Category
Ahuimanu	Stream	EN	3-2-07.03	Wet	N	-	-	-	N	-		3,5
Ahuimanu	Stream	EN	3-2-07.03	Dry	N	-	-	-	N	-		3,5
Aiea	Stream	EN	3-4-03	Wet	-	N1c	N1c	-	V	-	Trash	3,5
Aiea	Stream	EN	3-4-03	Dry	-	N1c	N1c	-	V	-	Trash	3,5
Ala Wai Canal & Boat Harbor	Estuary	EE	HIW00050	NA	V	V_T	V	V_T	V	NA	NH_4 (-) Chl *a* (-), Pathogens, Metals, TSS (V), Organochlorine Pesticides, Lead, Fish Consumption Advisory	3,4a,5
Ala Wai Canal & Harbor (Canal-Diamond Head Stn)	Estuary	EE	HIW00085	NA	N	N	-	N	N	NA	NH_4 (-), Chl *a* (N)	3,5
Ala Wai Canal & Harbor (Manoa & Palolo KHS Stn)	Estuary	EE	HIW00036	NA	-	N	-	N	N	NA	NH_4 (-), Chl *a* (N)	3,5
Ala Wai Canal & Harobr (Manoa Stream Fork Stn)	Estuary	EE	HIW00035	NA	-	N	-	-	N	NA	NH_4 (-), Chl *a* *(-), Fecal*	3,5
Ala Wai Canal & Harbor (Manoa-Palolo Stream Mouth Stn)	Estuary	EE	HIW00087	NA	-	N	-	N	N	NA	NH_4 (-), Chl *a* (N)	3,5
Ala Wai Canal & Harbor (McCully Bridge Stn)	Estuary	EE	HIW00086	NA	N	-	-	-	-	NA	NH_4(-) Chl *a*(-)	3,5
Ala Wai Canal & Harbor (Palolo Stream Fork)	Estuary	EE	HIW00034	NA	-	N	-	-	N	NA	NH_4(-) Chl *a*(-), Fecal	3,5
Anahulu	Estuary	EE	3-6-08-E		N	V	V	V	V	-		3,5
Halawa	Stream	EN	3-4-02		-	V	V	V	V	-		3,5
Hammer Point	Estuary (P)	EN	HIW00188	NA	A	-	-	-	-	NA	NH_4(-) Chl *a*(-)	2,3

Table 4. OAHU Inland Waters												
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Enterococci**	**TN**	**NO_3+NO_2**	**TP**	**Turbidity**	**TSS**	**Other Parameters**	**Category**
Heeia	***Estuary***	***EE***	***3-2-08-E***		***N***	**-**	**-**	**-**	**-**	**-**		***3,5***
Heeia	Stream	EN	3-2-08	Dry	-	N	N	A	A	A		2,3,5
Heeia	Stream	EN	3-2-08	Wet	-	A	A	A	A	A		2,3
Helemano	Stream	EN	3-6-07.02		-	V	V	V	V	-		3,5
Honouliuli	Stream	EN	3-4-11		-	-	-	-	-	-		3
Iroquois Point	Estuary (P)	EE	HI412839	NA	A	-	-	-	-	NA	NH4(-) Chl a(-)	2,3
Kaaawa	Stream	EN	3-1-19		-	V	V	V	V	-		3,5
Kaalaea	Stream	EN	3-2-05	Dry	-	N	N	A	N	A		2,3,5
Kaalaea	Stream	EN	3-2-05	Wet	-	N	N	A	A	A		2,3,5
Kaelepulu	Stream	EN	3-2-14		-	V	V	V	V	-		3,5
Kaelepulu Stream-Kailua Beach	Estuary	EE	HIW00182	NA	N	N	N	N	N	NA	NH_4(N) Chl *a*(N)	3,5
Kahaluu	Estuary	EE	3-2-07-E		N	-	-	-	N	-		3,5
Kahaluu	Stream	EN	3-2-07.02	Dry	N	A	N	A	N	A		2,5
Kahaluu	Stream	EN	3-2-07.02	Wet	N	-	-	-	A	-		2,3,5
Kahana	Stream	EN	3-1-18	Dry	-	A	N	A	N	A		2,3,5
Kahana	Stream	EN	3-1-18	Wet	-	Ac	Ac	Ac	Ac	Ac		2,3
Kahawainui	Stream	EN	3-1-07		-	V	V	V	V	-		3,5
Kaipapau	Stream	EN	3-1-10		-	-	-	-	-	-		3
Kalauao	Stream	EN	3-4-04-01	Dry	-	N1	N1	-	N	-		3,5
Kalauao	Stream	EN	3-4-04-01	Wet	-	N	N	-	Ac	-		2,3,5
Kalihi	Stream	EN	3-3-11	Dry	-	N	N	N	N	A	Trash	2,3,5
Kalihi	Stream	EN	3-3-11	Wet	-	N	N	A	N	A	Trash	2,3,5
Kaluanui	Stream	EN	3-1-13		-	-	-	-	-	-		3
Kamooalii (Trib to Kaneohe Stream)	Stream	Kamooalii Trib	3-2-10.01	Dry	-	V_T	V	V_T	N	-		3,4a
Kamooalii (Trib to Kaneohe Stream)	Stream	Kamooalii Trib	3-2-10.01	Wet	-	V_T	V	V_T	-	-		3,4a
Kaneohe	Stream	EN	3-2-10	Dry	-	V_T	V_T	V_T	N_T	$-_T$	Dieldrin	3,4a,5

Table 4. OAHU Inland Waters												
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Enterococci**	**TN**	**NO_3+NO_2**	**TP**	**Turbidity**	**TSS**	**Other Parameters**	**Category**
Kaneohe	Stream	EN	3-2-10	Wet	-	V_T	V_T	V_T	N_T	$-_T$	Dieldrin	3,4a,5
Kapaa	Stream	EN	3-2-13-Kapaa		-	V_T	V	V_T	V	V_T	Metals, Lead	3,4a,5
Kapakahi	Stream	EN	3-4-Kapakahi	Wet	-	N	N	N	-	-	Trash	3,5
Kapakahi	Stream	EN	3-4-Kapakahi	Dry	-	-	-	-	V	-	Trash	3,5
Kapalama	Stream	EN	3-3-10		-	V	V	V	V	-	Trash	3,5
Kaukonahua	Stream	EN	3-6-06.02	Dry	-	N	N	A	N1	A		2,3,5
Kaukonahua	Stream	EN	3-6-06.02	Wet	-	N	N	A	N1	A		2,3,5
Kaukonahua (N Fork)	Stream	EN	3-6-06.02.2		-	V_T	A	A	V_T	A		2,3,4a
Kaukonahua (S Fork)	Stream	EN	3-6-06.02.1		-	V_T	A	A	V_T	A		2,3,4a
Kaupuni	Stream	EN	3-5-05	Wet	-	N	N	N	N	A	Trash	2,3,5
Kaupuni	Stream	EN	3-5-05	Dry	-	N	N	N	N	N		3,5
Kawa	Stream	EN	3-2-11		-	V_T	V	V_T	V	V_T		3,4a
Kawailoa	Stream	EN	3-6-08.01		-	V	V	V	V	-		3,5
Kawainui	Stream	EN	3-2-13		-	-	-	-	-	-		3
Kawainui Marsh	Wetland	EW	3-2-13-W		-	-	-	-	-	-		3
Kawela	Stream	EN	3-1-04		-	-	-	-	-	-		3
Keaahala	Stream	EN	3-2-09	Dry	-	N	N	N	N	A	Trash	2,3,5
Keaahala	Stream	EN	3-2-09	Wet	-	N	N	A	A	A	Trash	2,3,5
Kiikii	Estuary	EE	3-6-06-E		-	-	-	-	-	-		3
Koloa	Stream	EN	3-1-09	Both	-	-	-	-	-	-		3
Kuliouou	Stream		3-3-03	Dry	N	-	-	-	-	-		3,5
Kuliouou	Stream		3-3-03	Wet	N	-	-	-	-	-		3,5
Makiki	Stream	EN	ALWS06	Dry	-	N	-	N	-	-		3,5
Manoa	Stream	EN	3-3-07.01		-	V	V	V	V	-	Dieldrin, Chlordane	3,5
Maunawili	Stream	EN	3-2-13.01		-	V	V	V	V	-	Trash	3,5
Moanalua	Stream	EN	3-3-12.01	Dry	-	Nc	Ac	Ac	N1	Ac	Trash	2,3,5

Table 4. OAHU Inland Waters												
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Enterococci**	**TN**	**NO_3+NO_2**	**TP**	**Turbidity**	**TSS**	**Other Parameters**	**Category**
Moanalua	Stream	EN	3-3-12.01	Wet	-	Nc	Ac	Ac	Ac	Ac	Trash	2,3,5
Nuuanu	Stream	EN	3-3-09	Dry	-	N	N	N	N	N	Trash, Dieldrin, Chlordane	3,5
Nuuanu	Stream	EN	3-3-09	Wet	-	N	N	A	N	A	Trash, Dieldrin, Chlordane	2,3,5
Opaeula	Stream	EN	3-6-07.01		-	V	V	V	V	-		3,5
Palolo	Stream	EN	3-3-07.01.1		-	-	-	-	-	-	Trash	3,5
Paukauila	Estuary	EE	3-6-07-E		-	V	V	V	V	-		3,5
Pearl Harbor	Estuary (P)	EE	HIW00006	NA	-	N	-	N	A		NH_4(-) Chl *a*(N)	2,3,5
Pearl Harbor-harbor waters and near shore waters to 30' from Keehi Lagoon to Oneula Beach	Estuary (P)	EE	HIW00119	NA	-	Y	Y	Y	N	NA	NH_4(-), Chl *a*(-), TSS (Y), PCBs, Fish Consumption Advisory	3,5
Poamoho	Stream	EN	3-6-06.01		-	V	V	V	V	-		3,5
Punaluu	Stream	EN	3-1-16	Dry	-	A	A	A	A	A		2,3
Punaluu	Stream	EN	3-1-16	Wet	-	A	Ac	A	A	A		2,3
Salt Lake	Lake	EL	3-3-12-Salt Lake		-	-	-	-	N	-	Trash	3,5
Wahiawa Reservoir	Reservoir	ER	3-6-06.02-R		-	V	V	V	V	-		3,5
Waiahole	Stream	EN	3-2-04	Dry	N	A	N	N	N	A		2,5
Waiahole	Stream	EN	3-2-04	Wet	N	Ac	Nc	Ac	A	Ac		2,5
Waiawa	Stream	EN	3-4-06	Wet	-	A	A	A	V	A	Trash	2,3,5
Waiawa	Stream	EN	3-4-06	Dry	-	V	V	V	V	-	Trash	3,5
Waihee	Stream	EN	3-2-07.01	Wet	N	V	V	V	A	-		2,3,5
Waihee	Stream	EN	3-2-07.01	Dry	N	N	N	A	N	A		2,5
Waikane	Stream	EN	3-2-02	Dry	-	A	N	A	A	A		2,3,5
Waikane	Stream	EN	3-2-02	Wet	-	Ac	Nc	Ac	Ac	Ac		2,3,5
Waikele	Stream	EN	3-4-10	Dry	-	$N1_T$	$N1_T$	-	-	-		3, 4a

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Waikele	Stream	EN	3-4-10	Wet	-	$N1_T$	$N1_T$	-	N	-		3, 4a, 5
Wailele	Stream	EN	3-1-08	Wet	-	-	-	-	N1	-		3,5
Waimalu	Stream	EN	3-4-05	Wet	-	-	-	-	N1	-		3,5
Waimanalo	Stream	EN	3-2-15		-	V_T	V_T	V_T	V_T	V_T		3,4a
Waimano	Stream	EN	3-4-06.01		-	-	-	-	V	-		3,5
Waiola	Stream	EN	3-2-07.04	Wet	-	-	-	-	V	-		3,5
Waiola	Stream	EN	3-2-07.04	Dry	-	-	-	-	V	-		3,5

Table 5. OAHU Marine Waters

Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.

*Nearshore Assessment Unit with Individual Water Bodies	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
ALA WAI NEARSHORE Ala Moana to Kuhio	C	HIW10001	Wet	A	A	A	N	A	N	A		2,5
*Ala Moana Beach (Center)	C	HIW00001	Wet	A	A	A	A	A	N	N		2,5
*Ala Moana Beach (Diamond Head)	C	HIW00002	Wet	A	A	A	N	A	N	N		2,5
*Ala Moana Beach (Ewa)	C	HI473893	Wet	A	-	-	-	-	***N***	-		2,3,5
*Fort DeRussy Beach	C	HI045715	Wet	A	-	-	-	-	-	-		2,3
*Gray's Beach	C	HI941499	Wet	A	N	-	-	-	N	N		2,3,5
*Kahanamoku Beach	C	HI366432	Wet	A	A	A	A	A	N	N		2,5
*Kahanamoku Lagoon	C	HIW00003	Wet	A	-	-	-	-	-	-		2,3
*Magic Island	C	HI529142	Wet	A	-	-	-	-	N	-		2,3,5
*Magic Island Bowls	C	HIW00223	Wet	N	-	-	-	-	-	-		3,5
*Point Panic	C	HI197311	Wet	A	-	-	-	-	-	-		2,3
*Royal-Moana Beach	C	HI898947	Wet	A	A	N	N	A	N	N		2,5
*Waikiki Beach Center	C	HI244505	Wet	A	-	-	-	-	N	-		2,3,5
ALA WAI NEARSHORE Kuhio to Tonggs	C	HIW10002	Dry	A	A	N	N	A	N	N		2,5
*Kapi'olani Park	C	HI733929	Dry	A	-	-	-	-	N	-		2,3,5
*Kuhio Beach	C	HI681782	Dry	A	A	N	N	A	N	N		2,5
*Kuhio Beach (Public Bath)	C	HI851298	Dry	A	A	A	N	A	N	N		2,5
*Outrigger Canoe Club Beach	C	HI943325	Dry	A	-	-	-	-	-	-		2,3
*Sans Souci	C	HI617815	Dry	A	N	N	N	A	N	N		2,5
*Tongg's	C	HI248913	Dry	A	-	-	-	-	N	-		2,3,5
*War Memorial Natatorium	C	HI624259	Dry	-	-	-	-	-	-	-		3
ANAHULU NEARSHORE	B	HIW10003	Wet	A	-	-	-	-	N	-		2,3,5
*Waialua Bay	B	HI451176	Wet	A	-	-	-	-	N	-		2,3,5
HAHAIONE NEARSHORE	B	HIW10004	Dry	***A***	-	-	-	-	***N***	-		2,3,5

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*Maunalua Bay Beach Park	B	HI430267	Dry	A	-	-	-	-	***N***	-		2,3,5
HANAUMA NEARSHORE	B	HIW10005	Dry	A	A	N	N	A	N	A		2,5
*Hanauma Bay (Beach)	B	HIW00096	Dry	A	A	N	N	A	N	A		2,5
HEEIA NEARSHORE	B	HIW10006	Wet	-	-	-	-	-	-	-		3
*Heeia Kea Small Boat Harbor	B	HIW00097	Wet	A	N	-	-	-	-	N		2,3,5
HONOULIULI NEARSHORE	B	HIW10007	Wet	A	-	-	-	-	-	-		2,3
*Iroquis Beach	B	HI412839	Wet	A	-	-	-	-	-	-		2,3
KAAAWA NEARSHORE	C	HIW10008	Wet	-	A	A	N	A	N	N		2,3,5
*Kaaawa Beach Park	C	HI580360	Wet	A	-	-	-	-	-	-		2,3
*Kalae oio Beach Park	C	HI860454	Wet	-	-	-	-	-	-	-		3
*Kanenelu Beach	C	HI196120	Wet	A	-	-	-	-	-	-		2,3
KAELEPULU NEARSHORE	C	HIW10009	Wet	A	N	A	N	A	N	N		2,5
*Kailua Beach Park	C	HI482719	Wet	A	A	A	N	A	N	N		2,5
*Lanikai Beach	C	HI596989	Wet	A	-	-	-	-	N	-		2,3,5
*Lanikai Boat Ramp	C	HIW00193	Wet	N	-	-	-	-	-	-		3,5
KALOI NEARSHORE	C	HIW10017	Wet	A	A	A	A	A	N	N		2,5
*Barbers Point Beach Co. Park	C	HI593573	Wet	-	-	-	-	-	-	-		3
*Ewa Beach	C	HI767464	Wet	A	-	-	-	-	N	-		2,3,5
*Ewa Beach Park	C	HI319095	Wet	A	A	A	N	A	N	N		2,5
*Nimitz Beach	C	HI682233	Wet	A	-	-	-	-	N	-		2,3,5
*Ocean Pointe C	C	HIW00132	Wet	-	A	A	A	A	N	N		2,3,5
*Ocean Pointe Control	C	HIW00129	Wet	-	A	A	A	A	N	N		2,3,5
*Ocean Pointe E	C	HIW00130	Wet	-	A	A	A	A	N	N		2,3,5
*Ocean Pointe W	C	HIW00131	Wet	-	A	A	A	A	N	N		2,3,5

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*Ocean Pointe KA	C	HIW00210	Wet	-	A	A	A	A	N	N		2,3,5
*Ocean Pointe PR	C	HIW00211	Wet	-	A	A	A	A	A	N		2,3,5
*Oneula Beach Park	C	HI825419	Wet	A	-	-	-	-	N	-		2,3,5
*White Plains Beach	C	HI267023	Wet	A	-	-	-	-	N	-		2,3,5
KAHALUU NEARSHORE	B	HIW10011	Wet	-	-	-	-	-	-	-		3
*Laenani Beach Co. Park	B	HI930562	Wet	N	-	-	-	-	-	-		3,5
KAHANA NEARSHORE	B	HIW10070	Wet	-	A	A	N	A	N	A		2,3,5
*Kahana Bay Park	B	HIW00102	Wet	N	N	-	-	N	N	-		3,5
KAHAWAI NEARSHORE	C	HIW10012	Dry	A	N	N	N	A	N	N		2,5
*Bellows Field Beach Co. Park (Waimanalo Stream Mouth)	C	HIW00081	Wet	A	A	N	N	N	N	N		2,5
*Kaiona Beach	C	HI234342	Dry	A	-	-	-	-	-	-		2,3
*Waimanalo Bay St. Rec. Area (Park)	C	HIW00008	Dry	A	-	-	-	-	N	-		2,3,5
*Waimanalo Bay Station (Waimanalo Beach Co. Park North)	C	HIW00175	Dry	A	-	-	-	-	N	-		2,3,5
*Waimanalo Beach Co. Park (South)	C	HIW00174	Dry	A	N	N	N	A	N	N		2,5
KAHAWAINUI-MALEAKAHANA NEARSHORE	C	HIW10013	Dry	-	N	N	N	A	N	N		2,3,5
KAHAWAINUI NEARSHORE	C	HIW10014	Dry	-	-	-	-	-	-	-		3
*Laie Bay	C	HI472847	Dry	A	N	-	-	N	N	N		2,3,5

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MALAEKAHANA NEARSHORE	C	HIW10015	Dry	A	-	-	-	-	N	-		2,3,5
*Kahuku Golf Course	C	HI989341	Dry	-	-	-	-	-	-	-		3
*Malaekahana State Park	C	HI137325	Dry	A	-	-	-	-	N	-		2,3,5
KAIPAPAU NEARSHORE	C	HIW10016	Dry	-	-	-	-	-	-	-		3
*Kaipapa'u Beach	C	HI787959	Dry	A	-	-	-	-	-	-		2,3
KALUAKAUILA NEARSHORE	C	HIW10018	Dry	-	A	A	N	A	N	A		2,3,5
*Ka'ena Point	C	HI645485	Dry	A	-	-	-	-	-	-		2,3
*Yokohama Bay	C	HI269028	Dry	A	A	A	N	A	N	A		2,5
KALUNAWAIKAALA NEARSHORE	C	HIW10019	Wet	***N***	A	N	N	A	N	A		2,5
*Pupukea Beach Co. Park	C	HI193495	Wet	***N***	A	N	N	A	N	A		2,5
KAMAILEUNU NEARSHORE	C	HIW10020	Dry	A	-	-	-	-	-	-		2,3
*Mauna Lahilahi Beach	C	HI639551	Dry	A	-	-	-	-	-	-		2,3
KAMILONUI NEARSHORE	B	HIW10021	Dry	-	-	-	-	-	-	-		3
*Hawaii Kai Station	B	HIW00117	Dry	A	-	-	-	-	-	-		2,3
KAUPUNI NEARSHORE Pokai Bay	B	HIW10022	Dry	A	A	N	N	A	N	N		2,5
*Pokai Bay	B	HIW00007	Dry	A	A	N	N	A	N	N		2,5
*Waianae Regional Park	B	HI668527	Dry	-	-	-	-	-	-	-		3
KAUPUNI NEARSHORE	C	HIW10023	Dry	-	-	-	-	-	-	-		3
*Waianae Kai	C	HI944962	Dry	-	-	-	-	-	-	-		3
KAWA NEARSHORE	B	HIW10024	Wet	-	-	-	-	-	-	-		3
*Kaneohe Bay at Kualoa	B	HI272280	Wet	-	-	-	-	-	-	-		3

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KAWAIHAPAI NEARSHORE	C	HIW10025	Dry	A	N	A	N	A	N	N		2,5
*Camp Harold Erdman	C	HI309544	Dry	-	-	-	-	-	-	-		3
*Kealia Beach	C	HI612698	Dry	A	-	-	-	-	-	-		2,3
*Mokule'ia Beach Co. Park	C	HI220308	Dry	A	-	-	-	-	-	-		2,3
KAWAINUI NEARSHORE	C	HIW10026	Dry	A	N	A	N	A	N	N		2,5
*Fort Hase Beach	C	HI410735	Dry	A	-	-	-	-	-	-		2,3
*Kalama Beach	C	HI071892	Dry	A	-	-	-	-	N	-		2,3,5
*Kapoho Point	C	HIW00192	Dry	N	-	-	-	-	-	-		3,5
*North Beach	C	HI426406	Dry	A	-	-	-	-	-	-		2,3
*Oneawa Beach	C	HI952205	Dry	A	N	-	-	N	N	N		2,3,5
KAWELA NEARSHORE	C	HIW10027	Dry	-	-	-	-	-	-	-		3
*Kawela Bay	C	HI698581	Dry	A	N	-	-	N	N	N		2,3,5
*Turtle Bay	C	HI776670	Dry	A	-	-	-	-	-	-		2,3
KEAMANEA-WAIMEA NEARSHORE	C	HIW10028	Wet	A	N	N	N	A	N	N		2,5
KEAMANEA NEARSHORE	C	HIW10029	Wet	A	N	N	N	A	N	N		2,5
*Chun's Reef	C	HI950962	Wet	A	-	-	-	-	N	-		2,3,5
*Kawailoa Beach	C	HI312049	Wet	-	-	-	-	-	-	-		3
*Laniakea Beach	C	HI183312	Wet	A	-	-	-	-	N	-		2,3,5
*Papa'iloa Beach	C	HI478834	Wet	A	-	-	-	-	-	-		2,3
*Kapaeloa Beach	C	HI904851	Wet	-	-	-	-	-	-	-		3
WAIMEA NEARSHORE	C	HIW10030	Wet	A	-	-	-	-	N	-		2,3,5
*Waimea Bay	C	HIW00128	Wet	A	-	-	-	-	N	-		2,3,5
KEEAU NEARSHORE	C	HIW10031	Dry	-	A	A	N	A	N	N		2,3,5
*Kea'au Beach Co. Park	C	HI730738	Dry	A	-	-	-	-	-	-		2,3

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*Ohikilolo Beach (Barking Sands)	C	HI731423	Dry	A	-	-	-	-	-	-		2,3
KOKO CRATER NEARSHORE	C	HIW10032	Dry	A	N	A	N	A	N	A		2,5
*Halona Cove	C	HI132946	Dry	A	-	-	-	-	-	-		2,3
*Kaloko (Queens) Beach	C	HI353985	Dry	A	-	-	-	-	-	-		2,3
*Sandy Beach	C	HI776760	Dry	A	N	N	N	A	N	N		2,5
*Wawamalu Beach Park	C	HI329454	Dry	A	-	-	-	-	-	-		2,3
KOLOA KAIPAPAU NEARSHORE	C	HIW10033	Dry	A	N	N	N	A	N	N		2,5
KOLOA NEARSHORE	C	HIW10034	Dry	A	-	-	-	-	N	-		2,3,5
*Kokololio Beach	C	HI767708	Dry	A	-	-	-	-	N	-		2,3,5
*Pounders Beach	C	HI587568	Dry	A	-	-	-	-	***N***	-		2,3,5
KUALOA NEARSHORE	C	HIW10035	Wet	A	N	N	N	A	N	N		2,5
*Kualoa Co. Regional Park	C	HI848207	Wet	A	N	N	N	A	N	N		2,5
*Kualoa Sugar Mill Beach	C	HI484535	Wet	A	-	-	-	-	-	-		2,3
KULIOUOU NEARSHORE	B	HIW10036	Dry	***N***	-	-	-	-	-	-		3,5
*Kuli'ou'ou	B	HI360513	Dry	N	-	-	-	-	-	-		3,5
*Paiko Lagoon	B	HI598745	Dry	-	-	-	-	-	-	-		3
LOKO EA NEARSHORE	B	HIW10037	Wet	***N***	-	-	-	-	N	-		3,5
*Haleiwa Beach Park	B	HI994019	Wet	A	N	-	-	N	N	N		2,3,5
MAAKUA-WAIPUHI NEARSHORE	C	HIW10038	Dry	-	-	-	-	-	-	-		3
MAAKUA NEARSHORE	C	HIW10039	Dry	-	-	-	-	-	-	-		3
*Aukai Beach Co. Park	C	HI145110	Dry	A	-	-	-	-	-	-		2,3
*Hauula Beach Park	C	HI854492	Dry	A	-	-	-	-	-	-		2,3
WAIPUHI NEARSHORE	C	HIW10040	Dry	-	-	-	-	-	-	-		3

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***Nearshore Assessment Unit with Individual Water Bodies**	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
*Makao Beach	C	HI147212	Dry	A	-	-	-	-	-	-		2,3
MAILI NEARSHORE	C	HIW10041	Dry	A	N	N	N	A	N	N		2,5
*Lualualei Beach Co. Park	C	HI800877	Dry	A	-	-	-	-	N	-		2,3,5
*Ma'ili Beach Park	C	HI627464	Dry	A	N	N	N	A	N	N		2,5
*Maipalaoa Beach	C	HI280966	Dry	***N***	-	-	-	-	N	-		3,5
MAKAHA NEARSHORE	C	HIW10042	Dry	A	N	N	N	A	N	N		2,5
*Laukinui Beach	C	HI739818	Dry	A	-	-	-	-	-	-		2,3
*Makaha Beach	C	HI632106	Dry	A	A	N	N	A	N	N		2,5
*Papaoneone Beach	C	HI990625	Dry	A	-	-	-	-	-	-		2,3
MAKAIWA NEARSHORE	C	HIW10043	Dry	A	A	A	N	A	N	N		2,5
*Hawaiian Electric Beach Park	C	HI628972	Dry	A	-	-	-	-	-	-		2,3
*Kahe Point Beach Co. Park	C	HI548986	Dry	A	-	-	-	-	N	-		2,3,5
*Manner's Beach	C	HI717740	Dry	A	-	-	-	-	N	-		2,3,5
MAKAIWA NEARSHORE KO'OLINA	B	HIW10044	Dry	A	A	N	N	A	N	N		2,5
*Ihilani Honu Lagoon	B	HI815093	Dry	A	A	N	N	A	N	A		2,5
*Ihilani Kohola Lagoon	B	HI515191	Dry	A	N	N	N	A	N	N		2,5
*Ihilani Naia Lagoon	B	HI685981	Dry	A	A	N	N	A	N	N		2,5
*Ihilani Ulua Lagoon	B	HI550240	Dry	A	A	A	N	A	N	A		2,5
MAKAPUU NEARSHORE	C	HIW10045	Dry	A	N	A	N	A	N	N		2,5
*Makapuu Beach	C	HI723399	Dry	A	-	-	-	-	N	-		2,3,5
*Kaupo Beach Co. Park	C	HI791127	Dry	A	-	-	-	-	-	-		2,3
MAKAUA NEARSHORE	C	HIW10046	Wet	-	N	N	N	A	-	N		2,3,5
*Makaua Beach Co. Park	C	HI542752	Wet	-	-	-	-	-	-	-		3
*Swanzy Beach Co. Park	C	HI151343	Wet	A	-	-	-	-	-	-		2,3

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MAKUA NEARSHORE	C	HIW10047	Dry	-	A	A	N	A	N	A		2,3,5
*Makua Beach	C	HI915061	Dry	A	A	A	N	A	N	A		2,5
MANINI NEARSHORE	C	HIW10071	Dry	-	N	A	N	A		N		2,3,5
*Ka'ena Point (Manini)	C	HIW00225	Dry	-	N	A	N	A		N		2,3,5
Keehi Lagoon Beach	B	HIW10048	Wet	***N***	-	-	-	-	N	-		3,5
*Keehi Lagoon (Point X)	B	HIW00010	Wet	N	N	-	-	N	N	N		3,5
NANAKULI NEARSHORE	C	HIW10049	Dry	A	A	A	A	A	N	A		2,5
*Depot Beach	C	HIW00218	Dry	-	-	-	-	-	-	-		3
*Pohakunui Cove	C	HIW00219	Dry	-	-	-	-	-	-	-		3
*Nanakuli Beach Park	C	HI467413	Dry	A	A	N	N	A	N	N		2,5
NIU NEARSHORE	C	HIW10050	Dry	-	-	-	-	-	-	-		3
*Niu	C	HI157026	Dry	-	-	-	-	-	-	-		3
NUUANU NEARSHORE	C	HIW10051	Wet	A	-	-	-	-	-	-		2,3
*Kakaako Waterfront	C	HI302297	Wet	A	-	-	-	-	-	-		2,3
*Sand Island (Shoreline)	C	HI714359	Wet	A	A	N	A	A	N	N		2,5
OIO NEARSHORE	C	HIW10052	Dry	-	N	A	N	A	N	N		3
*Kaihalulu Beach	C	HI668562	Dry	A	-	-	-	-	-	-		2,3
*Kuilima Cove	C	HI412224	Dry	A	-	-	-	-	-	-		2,3
PAHOLE-MAKALEHA NEARSHORE	C	HIW10053	Dry	-	N	N	N	A	N	N		2,3,5
PAHOLE NEARSHORE	C	HIW10054	Dry	-	-	-	-	-	-	-		
MAKALEHA NEARSHORE	C	HIW10055	Dry	-	-	-	-	-	-	-		
PAKULENA-PAUMALU NEARSHORE	C	HIW10056	Dry	A	A	A	N	A	N	N		2,5

PAKULENA NEARSHORE	C	HIW10057	Dry	A	-	-	-	-	N	-		2,3,5
*Banzai Beach	C	HI908378	Dry	-	-	-	-	-	-	-		3
*Pipeline, The	C	HI188157	Dry	A	-	-	-	-	N	-		2,3,5

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***Nearshore Assessment Unit with Individual Water Bodies**	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
PAUMALU NEARSHORE	C	HIW10058	Dry	A	-	-	-	-	N	-		2,3,5
*Ehukai Beach Co. Park	C	HI531535	Dry	A	-	-	-	-	-	-		2,3
*Kaunala Beach	C	HI622160	Dry	A	-	-	-	-	-	-		2,3
*Pahipahi'alua Beach	C	HI575467	Dry	A	-	-	-	-	-	-		2,3
*Sunset Beach	C	HI860544	Dry	A	A	N	N	A	N	N		2,5
*Waiale'e	C	HI109657	Dry	A	-	-	-	-	-	-		2,3
PAPAAKOKO-KALUANUI NEARSHORE	C	HIW10059	Dry	-	A	A	N	A	N	N		2,3,5
PAPAAKOKO NEARSHORE	C	HIW10060	Dry	-	-	-	-	-	-	-		3
*Kaluanui Beach	C	HI410842	Dry	-	-	-	-	-	-	-		3
PAUKAUILA NEARSHORE	B	HIW10061	Wet	-	-	-	-	-	-	-		3
*Kaiaka Bay	B	HIW00106	Wet	N	N	N	N	-	N	N		3,5
PORTLOCK NEARSHORE	B	HIW10062	Dry	-	-	-	-	-	-	-		3
*Koke'e Beach Park	B	HI147970	Dry	A	-	-	-	-	-	-		2,3
*Koko Kai Beach Park	B	HI467112	Dry	A	-	-	-	-	-	-		2,3
PUNALUU NEARSHORE	C	HIW10063	Wet	-	-	-	-	-	-	-		3
*Punaluu Beach Park	C	HI148836	Wet	N	-	-	-	-	N	-		3,5
ULEHAWA NEARSHORE	C	HIW10064	Dry	A	N	N	N	A	N	N		2,5
*Nanaikapono Beach	C	HI504242	Dry	A	-	-	-	-	-	-		2,3
*Pu'uohulu Beach	C	HI960731	Dry	A	-	-	-	-	-	-		2,3
*Ulehawa Beach	C	HI784010	Dry	A	-	-	-	-	-	-		2,3
WAIALAENUI NEARSHORE	C	HIW10065	Dry	N	A	A	N	A	N	N		2,5
*Diamond Head	C	HI544313	Dry	A	-	-	-	-	N	-		2,3,5

*Ka'alawai Beach	C	HI253930	Dry	N	-	-	-	-	-	-		3,5
*Kahala Beach Shoreline	C	HI514582	Dry	A	-	-	-	-	N	-		2,3,5
*Kaluahole Beach	C	HI391176	Dry	A	-	-	-	-	-	-		2,3

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*Kuilei Cliffs	C	HI431723	Dry	A	-	-	-	-	-	-		2,3
*Waialae Beach Co. Park	C	HI997368	Dry	N	-	-	-	-	-	-		3,5
WAIALUA NEARSHORE	C	HIW10066	Dry	A	-	-	-	-	N	-		2,3,5
*Mokule'ia Beach	C	HI908786	Dry	-	-	-	-	-	-	-		3
*Pu'uiki	C	HI437024	Dry	A	-	-	-	-	-	-		2,3
WAILELE NEARSHORE	C	HIW10067	Dry	-	N	N	N	A	-	N		2,3,5
*Laniloa Peninsula (Beach)	C	HI201901	Dry	A	-	-	-	-	-	-		2,3
WAILUPE NEARSHORE	C	HIW10068	Dry	A	-	-	-	-	N	-		2,3,5
*Kahala Hilton Beach	C	HI173325	Dry	A	-	-	-	-	N	-		2,3,5
*Kawaiku'i Beach Park	C	HI304424	Dry	A	-	-	-	-	-	-		2,3
*Wailupe Beach Park	C	HI432476	Dry	***N***	-	-	-	-	-	-		3,***5***
WAIMANALO NEARSHORE	C	HIW10069	Wet	A	N	A	N	A	N	N		2,5
*Bellows Field Beach Co. Park (N. Runway)	C	HI798011	Wet	A	A	A	N	A	N	A		2,5

Table 6. OAHU Marine Waters - Not Associated with a Nearshore AU

Scopes of Assessment Not Associated with Nearshore AU	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
Ala Wai Boat Harbor (Ala Moana Bridge Station)	B	HIW00125	Wet	N	N	-	-	N	N	N		3,5
Campbell Industrial	C	HIW00187	Dry	-	A	A	A	A	N	N		2,3,5
Ewa (Open Coastal)	C	HIW00189	Wet	***A***	A	A	A	A	A	A		2
Hanaka'ilio Beach	C	HI646411	Dry	-	-	-	-	-	-	-		3
Hanauma Bay (Oceanic)	O	HIW00017	NA	-	-	N	N	-	-	N		3,5
Barbers Point Harbor	B	HIW00088	Dry	-	-	-	-	-	-	-		3
Haleiwa Boat Harbor	B	HIW00127	Wet	-	-	-	-	-	-	-		3
Hanauma Bay	B	HIW00058	Dry	-	-	-	-	-	-	-	Trash	3,5
Honolulu Generating Station	B	HIW00217	Wet	-	-	A	A	-	A	-		2,3
Honolulu Harbor	B	HIW00100	Wet	-	-	-	-	-	-	-		3
Honolulu Harbor & Shore Area-Honolulu Waterfront-Aloha Tower	B	HIW00061	Wet	-	-	A	N	-	A	-	Trash	2,3,5
Honolulu Harbor & Shore Area-Kewalo Basin	B	HIW00051	Wet	-	Y	Y	-	Y	N	-	TSS (Y), Trash	3,5
Honolulu Harbor-near shore waters to 30' from one mile NW of Honolulu Harbor/Sand Island Channel to Waikiki Beach	B	HIW00049	Wet	Y	Y	Y	-	Y	N	-	Pathogens, Metals, TSS (Y)	3,5
Kahana Bay-near shore waters to 30' from Mahie Point to a point one mile north of Kahana Bay Station	B	HIW00062	Wet	-	-	-	-	-	N	-	TSS (Y)	3,5

Table 6. OAHU Marine Waters - Not Associated with a Nearshore AU												
Scopes of Assessment Not Associated with Nearshore AU	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
Kahana Park	B	HIW00103	Wet	N	-	-	-	-	-	-		3,5
Kahe Point (Open Coastal)	C	HIW00214	Dry	-	A	N	N	-	-	-		2,3,5
Kailua Bay (Open Coastal)	C	HIW00194	Dry	A	A	A	A	A	A	A		2
Kaneohe Bay (Beach Park)	B	HIW00004	Wet	-	N	-	-	N	N	N		3,5
Kaneohe Bay (Central Region)	B	HIW00013	Wet	-	N	N	N	-	N	-		3,5
Kaneohe Bay (Kokokahi Pier)	B	HIW00005	Wet	N	N	-	-	N	N	N		3,5
Kaneohe Bay (Northern Region)	B	HIW00012	Wet	N	N	N	N	-	N	-		3,5
Kaneohe Bay (Southern Region)	B	HIW00011	Wet	N	N	N	N	-	N	-		3,5
Kaneohe Bay-near shore waters at mouths of Kaneohe and Kawa Streams	B	HIW00054	Wet	-	Y	Y	-	Y	N	-	TSS (Y)	3,5
Keehi Lagoon	B	HIW00009	Wet	A	-	-	-	-	N	-		2,3,5
Keehi Lagoon waters and near shore waters to 30' from lagoon mouth to Pearl Harbor	B	HIW00055	Wet	-	Y	Y	-	Y	N	-	TSS (Y)	3,5
Kewalo Basin	C	HIW00126	Wet	-	N	-	-	N	N	N		3,5
Ko Olina	B	HIW00089	Dry	-	-	-	-	-	-	-		3

Table 6. OAHU Marine Waters - Not Associated with a Nearshore AU												
Scopes of Assessment Not Associated with Nearshore AU	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
Kuilei Cliffs Beach Park	C	HIW00064	Dry	-	-	-	-	-	-	-		3
Makaua Beach Co. Park	C	HIW00066	Wet	-	-	-	-	-	-	-		3
Mamala Bay (Fort Kamehameha Offshore)	C	HIW00190	Wet	-	A	A	A	A	A	N		2,3,5
Mamala Bay (Sand Island Offshore)	C	HIW00014	Wet	A	A	A	***N***	A	A	A		2,5
Mamala Bay (Oceanic)	O	HIW00015	NA	-	N	-	-	-	-	N		3,5
Maunalua Bay	C	HIW00016	Dry	-	A	A	N	A	N	N		2,3,5
Mikilua Beach Park	C	HIW00186	Dry	A	-	-	-	-	-	-		2,3
Paiko Peninsula to Koko Head	B	HIW00118	Dry	-	-	-	-	-	-	-		3
Pokai Bay (Oceanic)	O	HIW00019	NA	-	N	-	-	-	-	N		3,5
Pokai Bay (Open Coastal)	C	HIW00018	Dry	A	A	A	A	A	***A***	***N***		2,5
Queen's Surf Beach Park	C	HIW00069	Dry	-	-	-	-	-	-	-		3
Sand Island Point #3	C	HIW00181	Wet	-	N	-	-	-	N	N		3,5
Sandy Beach (Open Coastal)	C	HIW00191	Dry	-	A	A	A	A	A	***N***		2,3,5
Waialua/Kaiaka Bays near shore waters to 60' from Puaena Point to a point 1.5 miles W of Kaiaka Point	B	HIW00083	Wet	-	Y	Y	-	Y	N	-	TSS (Y)	3,5
Waianae Boat Harbor	B	HIW00124	Dry	-	-	-	-	-	-	-		3

Table 7. MOLOKAI Inland Waters

Assessed Water Body	Water Body Type	Scope of Assessment	Water Body ID	Season	Enterococci	TN	NO_3+NO_2	TP	Turbidity	TSS	Other Parameters	Category
Honoulimaloo	Stream	EN	4-2-02		-	-	-	-	-	-		3
Honouliwai	Stream	EN	4-2-03	Wet	-	-	-	-	Ac	-		2,3
Kamalo	Stream	EN	4-2-14		-	-	-	-	-	-		3
Pelekunu	Stream	EN	4-1-09	Dry	-	-	-	-	A	-		2,3
Waialua	Stream	EN	4-2-04	Wet	-	A	A	A	A	A		2,3
Waialua	Stream	EN	4-2-04	Dry	-	Ac	Ac	Ac	N1	Ac		2,3,5
Wailau	Stream	EN	4-1-15		-	-	-	-	-	-		3

Table 8. MOLOKAI Marine Waters

Most marine water bodies are located (*) within their respective nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.

*Nearshore Assessment Unit with Individual Water Bodies	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
HALAWA NEARSHORE	C	TBD	Wet	-	-	-	-	-	-	-		3
*Halawa Beach Park	C	HI928793	Wet	-	-	-	-	-	-	-		3
KOLO NEARSHORE	C	TBD	Dry	-	-	-	-	-	-	-		3
*Kolo Wharf	C	HI928768	Dry	-	-	-	-	-	-	-		3
MO'OMOMI NEARSHORE	C	TBD	Dry	-	-	-	-	-	-	-		3
*Mo'omomi Beach	C	HI204811	Dry	-	-	-	-	-	V	-		3,5

Table 9. MOLOKAI Marine Waters - Not Associated with a Nearshore AU

Scopes of Assessment Not Associated with Nearshore AU	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
Awahua Beach	C	HI702920	Dry	-	-	-	-	-	-	-		3
Fagans Beach	C	HI571680	Dry	-	-	-	-	-	-	-		3
Halena Beach	C	HI417163	Dry	-	-	-	-	-	-	-		3
Hale O Lono Harbor	B	HIW00090	Dry	-	-	-	-	-	-	-		3
Honouli Malo'o	C	HI783671	Dry	-	-	-	-	-	-	-		3
Honouli Wai	C	HI376731	Dry	-	-	-	-	-	-	-		3
Iliopi'i Beach	C	HI681345	Dry	-	-	-	-	-	-	-		3
Kahalepohaku Beach	C	HI191374	Dry	-	-	-	-	-	-	-		3
Kakahai'a Beach Park	C	HI939514	Dry	-	-	-	-	-	-	-		3
Kamaka'ipo Beach	C	HI923737	Dry	-	-	-	-	-	-	-		3
Kanalukaha Beach	C	HI559049	Dry	-	-	-	-	-	-	-		3
Kapukahehu Beach	C	HI941577	Dry	-	-	-	-	-	-	-		3
Kapukuwahine Beach	C	HI565164	Dry	-	-	-	-	-	-	-		3
Kaunakakai Boat Harbor	B	HIW00109	Dry	-	-	-	-	-	-	-		3
Kaunakakai Harbor	B	HIW00110	Dry	-	-	-	-	-	-	-		3
Kaunala Beach	C	HI726225	Dry	-	-	-	-	-	-	-		3
Kaupoa Beach	C	HI481092	Dry	-	-	-	-	-	-	-		3
Kawa'aloa Bay	C	HI384043	Dry	-	-	-	-	-	V	-		3,5
Kawakiunui	C	HI114962	Dry	-	-	-	-	-	-	-		3
Kepuhi Beach	C	HI287930	Dry	-	-	-	-	-	-	-		3
Kiowea Park (Kamehameha Coconut Grove)	C	HI206014	Dry	-	-	-	-	-	-	-		3
Lighthouse Beach	C	HI934213	Dry	-	-	-	-	-	-	-		3
Murphy Beach Park	C	HI138494	Dry	-	-	-	-	-	-	-		3

Table 9. MOLOKAI Marine Waters - Not Associated with a Nearhsore AU												
Scopes of Assessment Not Associated with Nearshore AU	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
Oneali'i Beach Park	C	HI904462	Dry	-	-	-	-	-	-	-		3
Papaloa Beach	C	HI301825	Dry	-	-	-	-	-	-	-		3
Papohaku Beach	C	HI556777	Dry	-	-	-	-	-	-	-		3
Pelekunu	C	HI443237	Wet	-	-	-	-	-	-	-		3
Pohaku Mauliuli Beach	C	HI268134	Dry	-	-	-	-	-	-	-		3
Po'olau Beach	C	HI454004	Dry	-	-	-	-	-	-	-		3
Puko'o	C	HI665969	Dry	-	-	-	-	-	-	-		3
Sandy Beach	C	HI329518	Dry	-	-	-	-	-	-	-		3
South Molokai Coast-near shore waters to 18' from SW point-Waialua	C	HIW00052	Dry	-	Y	Y	-	Y	Y	-	TSS (Y)	3,5
Wailau	C	HI603285	Wet	-	-	-	-	-	-	-		3

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Table 10. LANAI Marine Waters

Most marine water bodies are located (*) within their respective nearhsore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.

*Nearshore Assessment Unit with Individual Water Bodies	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
ANAPUKA NEARSHORE	C	HIW50001	Dry	-	A	A	A	A	***N***	***N***		2,3,5
*Kaluakoi Point to Huawai Bay	C	HIW00135	Dry	-	A	A	A	A	N	N		2,3,5
KAWAIU NEARSHORE	C	HIW50002	Dry	-	-	-	-	-	-	-		3
*Kawaiu Gulch-Makole Point	C	HIW00133	Dry	-	A	A	A	A	A	N		2,3,5
MAHANALUA NEARSHORE	C	HIW50004	Dry	-	-	-	-	-	-	-		3
*Mahanalua	C	HIW00136	Dry	-	N	A	A	A	N	N		2,3,5
MANELE NEARSHORE Coastal	C	HIW50005	Dry	-	A	A	A	A	N	N		2,3,5
*Hulopoe Bay	C	HIW00177	Dry	-	A	A	A	A	N	N		2,3,5
*Manele Bay Beach	C	HIW00178	Dry	-	A	A	A	A	A	A		2,3
MANELE NEARSHORE Embayment	B	HIW50006	Dry	-	-	-	-	-	-	-		3
*Manele Boat Harbor	B	HIW00179	Dry	-	A	A	A	A	N	N		2,3,5

Table 11. LANAI Marine Waters - Not Associated with a Nearshore AU

Scopes of Assessment Not Associated with Nearshore AU	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
Awehi	C	HIW00134	Dry	-	N	A	A	A	N	N		2,3,5
Halepalaoa Beach	C	HI297944	Dry	-	-	-	-	-	-	-		3
Kahemano Beach	C	HI801428	Dry	-	A	A	N	A	N	A		2,3,5
Kaumalapau Harbor	B	HIW00108	Dry	-	-	-	-	-	-	-		3
Kaunolu Bay	C	HI923988	Dry	-	-	-	-	-	-	-		3
Keomuku Beach	C	HI854690	Dry	-	-	-	-	-	-	-		3
Lopa Beach	C	HI735036	Dry	-	-	-	-	-	-	-		3
Naha Beach	C	HI225961	Dry	-	-	-	-	-	-	-		3
Polihua Beach	C	HI845453	Dry	-	-	-	-	-	-	-		3
Puu Pehe Beach	B	HIW00180	Dry	-	-	-	-	-	-	-		3
Shipwreck Beach	C	HI362906	Dry	-	-	-	-	-	-	-		3

Table 12. MAUI Inland Waters

Assessed Water Body	Water Body Type	Scope of Assessment	Water Body ID	Season	Enterococci	TN	NO_3+NO_2	TP	Turbidity	TSS	Other Parameters	Category
Alelele	Stream	EN	6-5-20		-	-	-	-	-	-		3
E. Wailuaiki	Stream	EN	6-4-16		-	-	-	-	-	-		3
Haipuaena	Stream	EN	6-4-07		-	-	-	-	-	-		3
Hanawi	Stream	EN	6-4-22		-	-	-	-	-	-		3
Hanehoi	Stream	EN	6-3-11		-	-	-	-	-	-		3
Hawawana	Stream	EN	6-3-13		-	-	-	-	-	-		3
Hoalua	Stream	EN	6-3-12		-	-	-	-	-	-		3
Honokohau	Stream	EN	6-1-11	Dry	-	A	A	A	A	A		2,3
Honokohau	Stream	EN	6-1-11	Wet	-	Ac	Ac	Ac	A	Ac		2,3
Honokowai	Stream	EN	6-1-07		-	-	-	-	V	-		3,5
Honolua	Stream	EN	6-1-10		-	-	-	-	-	-		3
Honomanu	Stream	EN	6-4-09		-	-	-	-	-	-		3
Honopou	Stream	EN	6-3-08	Wet	-	-	-	-	A	-		2,3
Hoolawa	Stream	EN	6-3-09		-	-	-	-	-	-		3
Iao	Stream	EN	6-2-09		-	-	-	-	V	-	Trash	3,5
Kaaiea	Stream	EN	6-4-02		-	-	-	-	-	-		3
Kahakuloa	Stream	EN	6-2-03	Dry	-	A	A	A	A	A		2,3
Kahakuloa	Stream	EN	6-2-03	Wet	-	-	-	-	A	-		2,3
Kahana	Stream	EN	6-1-08		-	-	-	-	V	-		3,5
Kahoma	Stream	EN	6-1-05		-	-	-	-	V	-		3,5
Kailua	Stream	EN	6-3-14		-	-	-	-	-	-		3
Kakipi	Stream	EN	6-3-07		-	-	-	-	-	-		3
Kauaula	Stream	EN	6-1-04		-	-	-	-	-	-		3
Kaupakulua	Stream	EN	6-3-03		-	-	-	-	-	-		3

Table 12. MAUI Inland Waters												
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Enterococci**	**TN**	**NO_3+NO_2**	**TP**	**Turbidity**	**TSS**	**Other Parameters**	**Category**
Kihei Coast-Kaonoulu Estuary	Estuary	EE	HIW00040	NA	-	N	N	-	N	NA	NH_4(-) Chl *a*(-)	3,5
Kihei Coast-Kealia Pond	Estuary	EE	HIW00070	NA	-	-	-	-	-	NA	NH_4(-) Chl *a*(N)	3,5
Kolea	Stream	EN	6-4-03		-	-	-	-	-	-		3
Kopiliula	Stream	EN	6-4-17		-	-	-	-	-	-		3
Kuaiaha	Stream	EN	6-3-02		-	-	-	-	-	-		3
Launiupoko	Stream	EN	6-1-03		-	-	-	-	-	-		3
Makamakaole	Stream	EN	6-2-06	Dry	-	A	A	A	N	A		2,3,5
Makamakaole	Stream	EN	6-2-06	Wet	-	A	A	A	A	A		2,3
Maliko	Stream	EN	6-3-01	Wet	-	-	-	-	N1	-		3,5
Manawaiiao	Stream	EN	6-3-04		-	-	-	-	-	-		3
Nuaailua	Stream	EN	6-4-10		-	-	-	-	-	-		3
Oheo	Stream	EN	6-5-13	Dry	-	A	A	A	Ac	A		2,3
Oheo	Stream	EN	6-5-13	Wet	-	Ac	Ac	Ac	Ac	Ac		2,3
Ohia	Stream	EN	6-4-12		-	V	V	V	V	-	Trash	3,5
Olowalu	Stream	EN	6-1-02		-	-	-	-	-	-		3
Oopuola	Stream	EN	6-4-01		-	-	-	-	-	-		3
Piinaau	Stream	EN	6-4-11		-	-	-	-	-	-		3
Punalau	Stream	EN	6-4-08		-	-	-	-	-	-		3
Puohokamoa	Stream	EN	6-4-06		-	-	-	-	-	-		3
Uaoa	Stream	EN	6-3-05		-	-	-	-	-	-		3
Ukumehame	Stream	EN	6-1-01	Dry	-	A	N	A	A	A		2,3,5
Ukumehame	Stream	EN	6-1-01	Wet	-	Ac	Ac	Ac	A	Ac		2,3

Table 12. MAUI Inland Waters												
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Enterococci**	**TN**	**NO_3+NO_2**	**TP**	**Turbidity**	**TSS**	**Other Parameters**	**Category**
W. Wailuaiki	Stream	EN	6-4-15		-	-	-	-	-	-		3
Waiakamilo	Stream	EN	6-4-13		-	-	-	-	-	-		3
Waiehu	Stream	EN	6-2-08		-	-	-	-	-	-		3
Waihee	Stream	EN	6-2-07	Dry	-	A	A	A	A	A		2,3
Waihee	Stream	EN	6-2-07	Wet	-	V	V	V	A	Ac		2,3,5
Waihikuli	Stream	EN	6-1-06		-	-	-	-	-	-		3
Waikamoi	Stream	EN	6-4-04		-	-	-	-	-	-		3
Waikapu	Stream	EN	6-2-10	Dry	-	Ac	-	Ac	Nc	Ac		2,3,5
Waikapu	Stream	EN	6-2-10	Wet	-	Ac	Ac	Ac	Ac	Ac		2,3
Waiolai	Stream	EN	6-2-05		-	-	-	-	-	-		3
Waipio	Stream	EN	6-3-10	Wet	-	-	-	-	N1	-		3,5

Table 13. MAUI Marine Waters

Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.

*Nearshore Assessment Unit with Individual Water Bodies	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
AHIHI-KINAU NEARSHORE	C	HIW20001	Dry	-	A	N	N	A	N	-		2,3,5
*Ahihi-Kinau Natural Area Reserve	C	HIW00084	Dry	-	A	N	N	A	N	-		2,3,5
HAPAPA NEARSHORE	C	HIW20002	Dry	A	N	N	N	A	N	-		2,3,5
*Kalama Beach Co. Park (Beach)	C	HIW00023	Dry	A	N	N	N	A	N	N		2,5
*Kalepolepo Beach	C	HI647373	Dry	A	N	N	N	A	N	-		2,3,5
*Kalepolepo (Waimahaihai)	C	HIW00141	Dry	A	N	N	N	A	N	N		2,5
*Kihei Coast-Kalepolepo	C	HIW00039	Dry	-	N	N	-	-	N	N		3,5
*Kihei Coast-Kulanihakoi	C	HIW00043	Dry	-	N	N	N	-	N	N		3,5
*Kihei Coast-Lipoa-South	C	HIW00072	Dry	-	-	-	-	-	N	N		3,5
*Kihei Coast-Luana Kai	C	HIW00041	Dry	-	N	N	N	-	N	N		3,5
*Mai Poina Oe Iau Beach Co. Park (Kihei N. Station)	C	HI715975	Dry	A	-	-	-	N	N	N		2,5
*Waipuilani	C	HI284036	Dry	A	N	N	N	A	N	-		2,3,5
HONOKAHUA NEARSHORE	C	HIW20003	Dry	A	A	***A***	***A***	A	N	N		2,5
*Fleming Beach North	C	HI253548	Dry	A	A	N	N	A	N	N		2,5
*Oneloa Bay Beach	C	HI740710	Dry	A	A	***A***	A	A	N	A		2,5
HONOKOWAI NEARSHORE	C	HIW20004	Dry	A	N	N	***N***	A	N	N		2,5
*Honokowai Beach Co. Park	C	HI412391	Dry	A	A	N	N	A	N	N		2,5
*West Maui Coast-Lokelani	C	HIW00077	Dry	-	-	N	-	-	N	N		3,5
*West Maui Coast-S-Turns (Pohaku)	C	HIW00047	Dry	A	N	N	N	A	N	N		2,5
*West Maui-Papakea	C	HIW00079	Dry	-	A	N	***N***	A	N	N		2,3,5

Table 13. MAUI Marine Waters												
Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.												
***Nearshore Assessment Unit with Individual Water Bodies**	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
HONOLUA NEARSHORE	C	HIW20005	Dry	N	***N***	N	N	A	N	N		2,5
*Honolua Bay	C	HI280286	Dry	N	***N***	N	N	A	N	N		2,5
*Mokule'ia Beach	C	HI977299	Dry	A	A	N	N	N	N	N		2,5
HONOMANU NEARSHORE	C	HIW20006	Wet	-	-	-	-	-	-	-		3
*Honomanu Bay	C	HI985873	Wet	N	-	-	-	-	-	-		3,5
IAO NEARSHORE	B	HIW20007	Dry	A	N	-	-	N	N	N		2,3,5
*Hata's	B	HI553820	Dry	A	-	-	-	-	-	-		2,3
*Kahului Harbor	B	HIW00104	Dry	A	N	-	-	N	N	N		2,3,5
KAHANA NEARSHORE	C	HIW20008	Dry	A	N	N	N	***A***	N	N		2,5
*Kahana (Mahinahina Condo Shoreline)	C	HI160433	Dry	A	N	N	N	A	N	N		2,5
*Kapalua (Fleming's) Beach	C	HI391006	Dry	A	N	N	N	***A***	N	N		2,5
*Napili Bay	C	HI764060	Dry	A	N	N	N	A	N	N		2,5
*West Maui Coast-Honokeana Cove	C	HIW00044	Dry	-	N	N	-	-	N	N		3,5
*West Maui Coast-Kahana Cove	C	HIW00045	Dry	-	N	N	-	-	N	N		3,5
*West Maui Coast-Kahana Sunset	C	HIW00075	Dry	-	-	N	-	-	N	N		3,5
*West Maui Coast-Kahana Village	C	HIW00076	Dry	-	A	N	***N***	A	N	N		2,3,5
*West Maui Coast-Kaopala Bay	C	HIW00046	Dry	-	N	N	N	-	N	N		3,5
*West Maui Coast-Napili Bay	C	HIW00078	Dry	-	-	N	-	-	N	N		3,5
KAHOMA NEARSHORE	C	HIW20009	Dry	***A***	A	N	***N***	A	N	***N***		2,5

Table 13. MAUI Marine Waters

Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.

*Nearshore Assessment Unit with Individual Water Bodies	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
*Mala Wharf-West Maui Coast	C	HIW00123	Dry	-	-	-	-	-	N	N		3,5
*Pu'unoa Beach	C	HI373055	Dry	A	-	-	-	-	N	-		2,3,5
*Wahikuli State Wayside Park	C	HI169380	Dry	A	A	N	A	A	N	N		2,5
KAILUA GULCH NEARSHORE	C	HIW20010	Dry	A	N	N	N	A	N	N		2,5
*H.A. Baldwin Beach Co. Park	C	HI846900	Dry	A	-	-	-	-	N	-		2,3,5
*Kanaha Beach	C	HI797225	Dry	A	-	-	-	N	N	N		2,3,5
*Lower Pa'ia (Pa'ia Outfall Station)	C	HI864937	Dry	A	-	-	-	-	N	-		2,3,5
*Spreckelsville	C	HI789952	Dry	A	-	-	-	-	N	-		2,3,5
KALIALINUI NEARSHORE	B	HIW20011	Dry	A	N	-	-	N	N	N		2,3,5
*Kanaha Beach (Kaa Shoreline)	B	HIW00020	Dry	A	N	-	-	N	N	N		2,3,5
KAUAULA NEARSHORE	C	HIW20012	Dry	-	A	N	N	A	N	-		2,3,5
*Lahaina Beach	C	HI407363	Dry	A	A	N	N	A	N	-		2,3,5
*Puamana Beach Co. Park	C	HI167153	Dry	A	-	-	-	-	-	-		2,3
*West Maui-Puamana	C	HIW00080	Dry	-	-	-	-	-	N	N		3,5
KAWAIPAPA NEARSHORE	C	HIW20013	Dry	-	-	-	-	-	-	-		3
*Hana Bay	C	HI996835	Dry	-	-	-	-	-	-	-		3
*Wai'anapanapa State Park	C	HI118874	Dry	-	-	-	-	-	-	-		3
LAUNIUPOKO NEARSHORE	C	HIW20014	Dry	A	N	A	N	A	N	N		2,3,5
*Launiupoko St. Wayside Park	C	HI558359	Dry	A	A	A	N	A	N	-		***2,3,5***

Table 13. MAUI Marine Waters												
Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.												
***Nearshore Assessment Unit with Individual Water Bodies**	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
MALIKO NEARSHORE	C	HIW20015	Dry	A	N	N	N	A	N	N		2,5
*Ho'okipa Beach Co. Park	C	HIW00024	Dry	A	A	N	N	A	N	N		2,5
*Ku'au Bay	C	HI276573	Dry	A	-	-	-	-	-	-		2,3
*H-Poko Papa	C	HI901232	Dry	-	-	-	-	-	-	-		3
*Maliko Bay	C	HI423064	Dry	N	-	-	-	-	N	-		3,5
MOOLOA NEARSHORE	C	HIW20016	Dry	A	A	A	N	A	N	A		2,5
*Oneloa Beach (Big Beach) (Makena Beach Station)	C	HI279887	Dry	A	A	A	N	A	N	A		2,5
OHEO NEARSHORE	C	HIW20017	Wet	-	-	-	-	-	-	-		3
*Pepeiaolepo Bay	C	HI136430	Wet	-	-	-	-	-	-	-		3
OLOWALU NEARSHORE	C	HIW20018	Dry	-	A	A	N	A	N	N		2,3,5
*Olowalu (Shorefront)	C	HIW00021	Dry	A	A	***A***	N	A	N	N		2,5
PAPALAUA NEARSHORE	C	HIW20019	Dry	-	A	A	***A***	A	N	N		2,3,5
Papalaua Pali	C	HIW00216	Dry	-	A	A	A	A	N	-		2,3,5
POHAKEA NEARSHORE	B	HIW20020	Dry	***A***	N	N	N	A	N	N		2,5
*Ma'alaea Beach	B	HI058731	Dry	***A***	***N***	N	***N***	A	N	N		2,5
*McGregor Point	B	HI227321	Dry	-	-	-	-	-	-	-		3
*Kapoli Beach Co. Park	B	HI599968	Dry	-	***A***	N	N	A	N	A		2,3,5
UKUMEHAME NEARSHORE	C	HIW20021	Dry	A	A	N	N	A	N	N		2,5
*Papalaua	C	HI462219	Dry	A	A	A	A	A	N	-		2,3,5
*Ukumehame Beach Co. Park	C	HI814309	Dry	A	A	A	A	A	N	-		2,3,5
*Olowalu (Teen Challenge)	C	HI491359	Dry	A	A	N	N	A	N	A		2,5
WAIAKOA NEARSHORE	C	HIW20022	Dry	A	N	N	N	A	N	N		2,5
*Mai Poina Oe Iau Beach Co. Park	C	HIW00025	Dry	A	N	N	N	A	N	-		2,3,5

Table 13. MAUI Marine Waters												
Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.												
***Nearshore Assessment Unit with Individual Water Bodies**	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
*Kihei Coast-Mokulele	C	HIW00042	Dry	A	N	N	N	A	N	N		2,5
WAHIKULI NEARSHORE	C	HIW20023	Wet	A	A	N	***N***	A	N	N		2,5
*Hanaka'o'o Beach Co. Park	C	HI797917	Wet	A	***N***	N	N	A	N	N		2,5
*Kaanapali (Kahekili Beach)	C	HI643627	Wet	A	A	N	N	A	N	N		2,5
*Kaanapali (Sheraton Kaanapali Shoreline)	C	HIW00022	Wet	A	A	N	N	A	N	A		2,5
WAIEHU NEARSHORE	C	HIW20024	Wet	-	A	-	-	A	N	N		2,3,5
*Waiehu Beach Co. Park	C	HI916183	Wet	A	-	-	-	-	N	-		2,3,5
WAIHEE NEARSHORE	C	HIW20025	Wet	-	-	-	-	-	-	-		3
*Waihee	C	HI343702	Wet	A	-	-	-	-	-	-		2,3
WAIKAPU NEARSHORE	C	HIW20026	Dry	-	A	***A***	N	A	N	-		2,3,5
*Kealia	C	HIW00224	Dry	-	A	***A***	N	A	N	-		2,3,5
WAILEA NEARSHORE	C	HIW20027	Dry	A	N	N	N	***N***	N	N		2,5
*Kalama Beach Co. Park (Cove Park)	C	HI705118	Dry	A	N	N	N	N	N	N		2,5
*Kamaole Beach 1	C	HI761092	Dry	A	N	N	N	A	N	N		2,5
*Kamaole Beach 2	C	HI097179	Dry	A	-	-	-	-	N	N		2,3,5
*Kamaole Beach 3	C	HI496115	Dry	A	A	N	N	A	N	N		2,5
*Keawakapu Beach	C	HI607763	Dry	A	A	N	N	A	N	N		2,5
*Kihei Coast-Cove Park	C	HIW00167	Dry	-	N	N	-	-	N	N		3,5
*Kihei Coast-Estuary Boat Ramp	C	HIW00166	Dry	-	N	N	-	-	N	-		3,5
Kihei Coast-Keawakapu	C	HIW00074	Dry	-	-	N	-	-	-	N		3,5
*Kihei Coast-Maui Coast	C	HIW00073	Dry	-	-	N	-	-	N	N		3,5
*Kihei Coast-South Kamaole II	C	HIW00071	Dry	-	-	N	-	-	-	N		3,5
*Makena Landing Beach	C	HI245556	Dry	A	N	N	N	A	N	-		2,3,5

Table 13. MAUI Marine Waters												
Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.												
***Nearshore Assessment Unit with Individual Water Bodies**	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
*Malu'aka Beach	C	HI847607	Dry	A	N	N	***N***	A	N	-		2,3,5
*Mokapu Beach Park	C	HI861961	Dry	A	-	-	-	-	-	-		2,3
*Oneuli Beach	C	HI756040	Dry	A	A	N	N	A	N	N		2,5
*Palauea Beach Park	C	HI997014	Dry	A	N	N	N	A	N	-		2,3,5
*Polo Beach Park	C	HI339656	Dry	A	-	-	-	-	-	-		2,3
*Poolenalena Beach	C	HI684864	Dry	A	A	N	A	A	N	-		2,3,5
*Pu'u ola'i (Small Beach)	C	HI157533	Dry	A	-	-	-	-	-	-		2,3
*Ulua Beach Park	C	HI588333	Dry	A	N	N	N	A	N	N		2,3,5
*Wailea Beach Park	C	HI278988	Dry	A	A	N	N	A	N	N		2,5
WAIOPAI NEARSHORE	C	HIW20028	Dry	-	-	-	-	-	-	-		3
*Huakini Bay	C	HI385800	Dry	-	-	-	-	-	-	-		3

Table 14. MAUI Marine Waters - Not Associated with a Nearshore AU

Scopes of Assessment Not Associated with Nearshore AU	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
Alaeloa Beach	C	HI616569	Dry	-	-	-	-	-	-	-		3
Awalua Beach	C	HI839739	Dry	-	-	-	-	-	-	-		3
Father Jules Papa	C	HI525524	Dry	-	-	-	-	-	-	-		3
Hamoa	C	HI287670	Dry	-	-	-	-	-	-	-		3
Hanaka'o'o Station	C	HIW00165	Dry	-	-	N	-	-	N	-		3,5
Honokeana Bay	C	HI229021	Dry	-	-	-	-	-	-	-		3
Honokohau Bay	C	HI432902	Dry	-	-	-	-	-	-	-		3
Honokowai Point to Kaanapali	C	HIW00139	Dry	-	N	A	N	A	A	A		2,3,5
Kahului Bay	B	HIW00195	Wet	-	A	N	A	A	-	A		2,3,5
Kahului Harbor (Bay)	B	HIW00105	Dry	-	N	N	N	-	N	N		3,5
Kahului Harbor-inshore of breakwater	B	HIW00053	Dry	-	V	V	-	V	N	-		3,5
Kaihalulu Bay	C	HI432263	Dry	-	-	-	-	-	-	-		3
Ka'ili'ili Beach	C	HI641844	Dry	-	-	-	-	-	-	-		3
Kanaio Beach	C	HI404881	Dry	-	-	-	-	-	-	-		3
Kalama Beach Station	C	HIW00168	Dry	-	N	N	N	-	N	N		3,5
Kea'a Beach	C	HI593477	Dry	-	-	-	-	-	-	-		3
Ke'anae	C	HI959746	Wet	-	-	-	-	-	-	-		3
Keonenui Beach	C	HI199865	Dry	-	-	-	-	-	-	-		3
Kihei Coast-near shore waters to 60' from Kihei North-Kalama Beach	C	HIW00056	Dry	-	Y	Y	-	Y	N	-	TSS (Y)	3,5

Table 14. MAUI Marine Waters - Not Associated with a Nearshore AU												
Scopes of Assessment Not Associated with Nearshore AU	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
Koki Beach Park (VFW)	C	HI650469	Dry	-	-	-	-	-	-	-		3
Kuiaha Bay	C	HI852861	Dry	-	-	-	-	-	-	-		3
Lahaina Harbor	B	HIW00137	Dry	-	-	-	-	-	N	-		3,5
La Perouse Bay	C	HI674004	Dry	-	-	-	-	-	-	-		3
Leho'ula Beach	C	HI884223	Dry	-	-	-	-	-	-	-		3
Ma'alaea Boat Harbor Station	B	HIW00082	Dry	-	N	N	-	-	N	N		3,5
Ma'alaea Small Boat Harbor	B	HIW00140	Dry	-	-	-	-	-	N	N		3,5
Maka'alae Point	C	HI978171	Dry	-	-	-	-	-	-	-		3
Makena Landing-Malu’aka Beach	C	HIW00142	Dry	-	N	N	N	A	N	N		2,3,5
Mala Wharf	C	HIW00171	Dry	N	-	-	-	N	N	N		3,5
Mala Wharf Area	C	HIW00138	Dry	-	N	N	N	A	N	N		2,3,5
Mantokuji Bay	C	HI482300	Dry	-	-	-	-	-	-	-		3
Mokulau	C	HI519980	Wet	-	-	-	-	-	-	-		3
Nahiku	C	HI983172	Wet	-	-	-	-	-	-	-		3
Nu'u Bay	C	HI176594	Dry	-	-	-	-	-	-	-		3
Oneloa Beach (Big Beach)-Ahihi Kinau	C	HIW00144	Dry	-	N	N	N	A	A	N		2,3,5
Poolenalena-Makena Landing	C	HIW00143	Dry	-	N	N	N	A	A	N		2,3,5
Punalau	C	HI641109	Dry	-	-	-	-	-	-	-		3
Waikoloa Beach	C	HI796679	Dry	-	-	-	-	-	-	-		3

Table 14. MAUI Marine Waters - Not Associated with a Nearshore AU												
Scopes of Assessment Not Associated with Nearshore AU	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
Waimaha'ihai Beach	C	HI236756	Dry	-	-	-	-	-	-	-		3
West Maui Coast-near shore waters to 60' from Honolua-Lahaina	C	HIW00060		-	Y	Y	-	Y	N	-	TSS (Y)	3,5
West Maui-Honokowai Watershed	C	HIW00208	Dry	-	-	-	-	-	-	-		3
West Maui-Kahana Watershed	C	HIW00207	Dry	-	-	-	-	-	-	-		3
West Maui-Wahikuli Watershed	C	HIW00209	Dry	-	-	-	-	-	-	-		3

Table 15. HAWAII Inland Waters

Assessed Water Body	Water Body Type	Scope of Assessment	Water Body ID	Season	Enterococci	TN	NO_3+NO_2	TP	Turbidity	TSS	Other Parameters	Category
Aamakao	Stream	EN	8-1-12	Dry	-	A	A	A	N	A		2,3,5
Aamakao	Stream	EN	8-1-12	Wet	-	A	A	A	A	A		2,3
Alenaio	Stream	EN	8-2-61.01.1		-	V	V	V	-	-		3,5
Hakalau	Stream	EN	8-2-32		-	V	V	V	V	-		3,5
Halawa	Stream	EN	8-1-11		-	-	-	-	-	-		3
Halelua	Stream	EN	8-1-10	Wet	-	-	-	-	N1c	-		3,5
Hanaula	Stream	EN	8-1-06		-	-	-	-	-	-		3
Hapahapai	Stream	EN	8-1-07		-	-	-	-	-	-		3
Honolii	Stream	EN	8-2-56	Dry	-	A	A	A	N	A		2,3,5
Honolii	Stream	EN	8-2-56	Wet	-	A	A	A	A	A		2,3
Kaieie	Stream	EN	8-2-49	Dry	-	A	A	A	-	A		2,3
Kaieie	Stream	EN	8-2-49	Wet	-	V	V	V	-	-		3,5
Kalaoa	Stream	EN	8-2-47	Both	-	Ac	Ac	Ac	Ac	Ac		2,3
Kalaoa	Stream	EN	8-2-47	Dry	-	Ac	Ac	Ac	A	Ac		2,3
Kapehu	Stream	EN	8-2-37	Dry	-	Ac	N	A	N	A		2,3,5
Kapehu	Stream	EN	8-2-37	Wet	-	A	A	A	A	A		2,3
Kapue	Stream	EN	8-2-53	Dry	-	Ac	Ac	Ac	N	Ac		2,3,5
Kapue	Stream	EN	8-2-53	Wet	-	Ac	Ac	Ac	-	Ac		2,3
Kapulena	Stream	EN	8-1-52		-	-	-	-	-	-		3
Kawaikalia	Stream	EN	8-1-53		-	-	-	-	-	-		3
Keaukaha Beach Park	Estuary	EE	HI849313	NA	A	-	-	-	A	NA	NH_4(-) Chl *a*(-)	2,3
Kolekole	Stream	EN	8-2-33	Dry	-	A	A	A	A	A		2,3
Kolekole	Stream	EN	8-2-33	Wet	-	A	A	A	A	A		2,3
Kumakua	Stream	EN	8-1-03		-	-	-	-	-	-		3
Lalakea	Stream	EN	8-1-45	Dry	-	Ac	Ac	Ac	N	Ac		2,3,5

Table 15. HAWAII Inland Waters												
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Enterococci**	**TN**	**NO_3+NO_2**	**TP**	**Turbidity**	**TSS**	**Other Parameters**	**Category**
Lalakea	Stream	EN	8-1-45	Wet	-	Ac	Ac	Ac	A	Ac		2,3
Lehia Beach	Estuary	EE	HI691720	NA	A	-	-	-	-	NA	NH_4(-) Chl *a*(-)	2,3
Leleiwi Beach Co. Park	Estuary	EE	HI540868	NA	A	-	-	N	A	NA	NH_4(-) Chl *a*(-)	2,3,5
Leleiwi Beach Co. Park (Richardson Ocean Center)	Estuary	EE	HIW00030	NA	A	-	-	-	N	NA	NH_4(-) Chl *a*(N)	2,3,5
Maili	Stream	EN	8-2-57	Dry	-	Ac	Ac	Ac	N	Ac		2,3,5
Maili	Stream	EN	8-2-57	Wet	-	Ac	Ac	Ac	Ac	Ac		2,3
Nanue	Stream	EN	8-2-27		-	-	-	-	-	-		3
Nienie	Stream	EN	8-1-61		-	-	-	-	-	-		3
Niulii	Stream	EN	8-1-13	Dry	-	A	A	A	N	A		2,3,5
Niulii	Stream	EN	8-1-13	Wet	-	A	A	A	A	A		2,3
Paheehee	Stream	EN	8-2-34	Dry	-	Ac	Ac	Ac	A	Ac		2,3
Paheehee	Stream	EN	8-2-34	Wet	-	Ac	Ac	Ac	Ac	Ac		2,3
Pali Akamoa	Stream	EN	8-1-08		-	-	-	-	-	-		3
Pololu	Stream	EN	8-1-15	Dry	-	-	-	-	-	-		3
Pololu	Stream	EN	8-1-15	Wet	-	-	-	-	Ac	-		2,3
Pukihae	Stream	EN	8-2-59	Dry	-	Ac	Ac	Ac	A	Ac		2,3
Pukihae	Stream	EN	8-2-59	Wet	-	Ac	Ac	Ac	Ac	Ac		2,3
Waiakea	Stream	EN	8-2-61		-	V	V	V	-	-		3,5
Waialeale	Stream	EN	8-1-50		-	-	-	-	-	-		3
Waikama	Stream	EN	8-1-14	Dry	-	A	A	A	N	A		2,3,5
Waikama	Stream	EN	8-1-14	Wet	-	A	A	A	A	A		2,3
Waikoloa	Stream	EN	8-1-51		-	-	-	-	-	-		3
Wailoa	Estuary	EE	8-2-61-E		-	V	V	V	V	-		3,5

Table 15. HAWAII Inland Waters												
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Enterococci**	**TN**	**NO_3+NO_2**	**TP**	**Turbidity**	**TSS**	**Other Parameter**	**Category**
Wailoa River (Boat Ramp)	Estuary	EE	HIW00172	NA	N	N	N	N	-	NA	NH_4(N) Chl a(-)	3,5
Wailoa/Waipio	Stream	EN	8-1-44	Dry	-	N	N	N	A	A		2,3,5
Wailoa/Waipio	Stream	EN	8-1-44	Wet	-	Nc	N1	Ac	A	Ac		2,3,5
Wailuku	Stream	EN	8-2-60	Dry	-	A	N	A	A	A		2,3,5
Wailuku	Stream	EN	8-2-60	Wet	-	A	A	A	A	A		2,3
Wainaia	Stream	EN	8-1-09	Dry	-	Ac	Ac	Ac	-	Ac		2,3
Wainaia	Stream	EN	8-1-09	Wet	-	Ac	Ac	Ac	N	Ac		2,3,5
Waipunahoe	Stream	EN	8-1-49		-	-	-	-	-	-		3
Waipunalau	Stream	EN	8-1-77		-	-	-	-	-	-		3
Waiulili	Stream	EN	8-1-47	Dry	-	-	-	-	-	-		3
Waiulili	Stream	EN	8-1-47	Wet	-	-	-	-	Ac	-		2,3

Table 16. HAWAII Marine Waters

Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.

*Nearshore Assessment Unit with Individual Water Bodies	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameter	Category
HAKALAU NEARSHORE	C	HIW40001	Wet	-	-	-	-	-	-	-		3
*Hakalau Co. Park	C	HI138086	Wet	A	-	-	-	-	-	-		2,3
HILEA NEARSHORE	C	HIW40002	Dry	-	-	-	-	-	-	-		3
*Kawa Bay	C	HI535602	Dry	-	-	-	-	-	-	-		3
*Punalu'u	C	HI224651	Dry	A	-	-	-	-	-	-		2,3
*Ninole	C	HI124561	Dry	-	-	-	-	-	-	-		3
*Whittington Beach Co. Park	C	HI720900	Dry	A	-	-	-	-	-	-		2,3
HONOKOHAU NEARSHORE KONA	K	HIW40003	NA	A	-	-	-	-	N	-		2,3,5
*Honokohau Beach	K	HI315174	NA	***A***	N	N	N	N	N	A	PO_4(N)	2,5
*Kona Dog Beach	K	HIW00226	NA	***A***	-	-	-	-	***N***	-		2,3,5
HONOKOHAU NEARSHORE HONOKOHAU HARBOR	B	HIW40004	Dry	-	-	-	-	-	-	-		3
*Honokohau Boat Harbor	B	HIW00099	Dry	-	-	-	-	-	-	-		3
KAMAKOA NEARSHORE	K	HIW40005	NA	A	-	-	-	-	N	N		2,3,5
*Hapuna Beach St. Recreation Area	K	HI621002	NA	A	N	N	N	N	N	N		2,5
*Kauna'oa Beach	K	HI261869	NA	A	-	-	-	-	N	-		2,3,5
*Puako	K	HI668132	NA	A	-	-	-	-	N	N		2,3,5
*Puako Bay	K	HIW00033	NA	A	-	-	-	-	***N***	-		2,3,5
KAWAIHAE NEARSHORE KAWAIHAE HARBOR	B	HIW40006	Dry	A	-	-	-	-	N	-		2,3,5
*Kawaihae Harbor	B	HI978783	Dry	A	-	-	-	-	N	-		2,3,5
KAWAIHAE NEARSHORE KONA	K	HIW40007	NA	-	-	-	-	-	-	-		3
*Pelekane Bay	K	HI738158	NA	A	N	N	N	N	N	N		2,5

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Most marine water bodies are located (*) within their respective CWB nearshroe assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.

*Nearshore Assessment Unit with Individual Water Bodies	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
KEAHOLE NEARSHORE	K	HIW40008	NA	A	A	***N***	***A***	A	N	A	PO_4(A)	2,5
*Pine Trees	K	HI320616	NA	A	N	N	N	N	N	N	PO_4(N)	2,5
*Pine Trees-Honokohau	K	HIW00146	NA	-	A	***N***	***N***	A	N	A	PO_4(N)	2,3,5
*Wawaloli Beach	K	HI643938	NA	A	A	***N***	A	A	N	A	PO_4(***A***)	2,5
*2nd Beach (next to Mahaiula)	K	HI616452	NA	A	-	-	-	-	N	-		2,3,5
*Wawaloli Beach-Pine Trees	K	HIW00147	NA	-	A	A	A	A	N	A	PO_4(A)	2,3,5
*Keahole Point	K	HIW00203	NA	-	A	A	***A***	A	A	A	PO_4(A)	2,3
KEALAKEKUA NEARSHORE	K	HIW40009	NA	A	N	N	N	N	N	A	PO_4(N)	2,5
*Manini Point Co. Park	K	HI379764	NA	-	-	-	-	-	-	-		3
*Kealakekua Bay (off Curio Stand)	K	HIW00183	NA	A	-	-	-	-	N	-		2,3,5
*Kealakekua Bay	K	HIW00149	NA	-	N	N	N	N	N	A	PO_4(N)	2,3,5
KIHOLO NEARSHORE	K	HIW40010	NA	A	N	N	A	A	N	A	PO_4(N)	2,5
*Manini'owali	K	HI720408	NA	***A***	A	A	N	A	N	A	PO_4(A)	2,5
*Kahuwai Bay-Mano Point	K	HIW00153	NA	-	A	N	A	A	N	A	PO_4(A)	2,3,5
*Kuki'o Bay	K	HIW00154	NA	-	N	N	A	N	N	A	PO_4(N)	2,3,5
*Ka'upulehu	K	HI770607	NA	A	A	N	A	A	N	A	PO_4(N)	2,5
*Kahuwai Bay	K	HI990843	NA	-	-	-	A	-	N	A		2,3,5
KILAUEA NEARSHORE	C	HIW40011	Dry	-	-	-	-	-	-	-		3
*Ahalanui Pond (Puala'a)	C	HI707059	Dry	A	-	-	-	-	N	-		2,3,5
*Kapoho Bay	C	HI391407	Dry	A	-	-	-	-	N	-		2,3,5
*Kapoho Tidepools (Vacationland)	C	HI122881	Dry	A	-	-	-	-	N	-		2,3,5

Table 16. HAWAII Marine Waters												
Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.												
***Nearshore Assessment Unit with Individual Water Bodies**	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
*Pohoiki Beach	C	HI316864	Dry	A	-	-	-	-	N	-		2,3,5
*Kapoho Beach Lots	C	HIW00196	Dry	A	-	-	-	-	-	-		2,3
*Kehena	C	HI459942	Dry	A	-	-	-	-	-	-		2,3
*Kalapana Beach (new) (Harry K. Brown Beach Co. Park)	C	HI542822	Dry	A	-	-	-	-	-	-		2,3
KIILEA NEARSHORE COASTAL	C	HIW40012	Dry	A	-	-	-	-	N	-		2,3,5
*Miloli'i Beach	C	HI470112	Dry	A	-	-	-	-	N	-		2,3,5
*Ho'okena	C	HI152572	Dry	A	-	-	-	-	N	-		2,3,5
KIILEA NEARSHORE KONA	K	HIW40013	NA	A	-	-	-	-	N	-		2,3,5
*Honaunau Bay (2 Step)	K	HI246645	NA	A	-	-	-	-	N	-		2,3,5
*Pu'uhonua o Honaunau	K	HI478461	NA	-	-	-	-	-	-	-		3
*Keone'ele Cove	K	HI559410	NA	A	-	-	-	-	-	-		2,3
KILAU NEARSHORE	C	HIW40014	Wet	-	-	-	-	-	-	-		3
*Laupahoehoe Beach Co. Park	C	HI380623	Wet	A	-	-	-	-	-	-		2,3
KOLEKOLE NEARSHORE	C	HIW40015	Wet	-	-	-	-	-	-	-		3
*Kolekole Beach Co. Park	C	HI693485	Wet	A	-	-	-	-	N	-		2,3,5
MAILI NEARSHORE	C	HIW40016	Wet	A	N	-	-	A	N	N		2,3,5
*Honoli'i Beach Co. Park	C	HI857411	Wet	A	N	-	-	A	N	N		2,3,5
NIULII NEARSHORE	C	HIW40017	Dry	-	-	-	-	-	-	-		3
*Keokea Beach Co. Park	C	HI784200	Dry	-	-	-	-	-	-	-		3
POHAKULOA NEARSHORE	K	HIW40018	NA	A	N	N	N	N	N	N	PO_4(N)	2,5
*Holoholokai	K	HI582331	NA	A	-	-	-	-	N	-		2,3,5

Table 16. HAWAII Marine Waters

Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.

*Nearshore Assessment Unit with Individual Water Bodies	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
*Mauna Lani (Kalahuipua'a)	K	HI890924	NA	A	-	-	-	-	N	-		2,3,5
*Anaehoomalu Bay	K	HI326172	NA	A			-	-	N	N		2,3,5
*Waiulua Bay to Anaehoomalu Bay	K	HIW00148	NA	-	N	N	N	N	N	N	PO_4(N)	3,5
POLOLU NEARSHORE	C	HIW40019	Dry	-	-	-	-	-	-	-		3
*Pololu Valley	C	HI183806	Dry	-	-	-	-	-	-	-		3
SOUTH POINT NEARSHORE	C	HIW40020	Dry	-	-	-	-	-	-	-		3
*Ka Lae (South Point)	C	HI107517	Dry	-	-	-	-	-	-	-		3
WAIAHA NEARSHORE	K	HIW40021	NA	A	A	N	N	A	N	N	PO_4(N)	2,5
*Keauhou Bay (Kona)	K	HI713293	NA	A	-	-	-	-	N	-		2,3,5
*Kahalu'u Beach Co. Park	K	HI013290	NA	A	-	-	-	-	N	N		2,3,5
*White Sands Beach Co. Park (Magic Sands)	K	HI436267	NA	A	-	-	-	-	N	N		2,3,5
*Banyan's Surfing Area	K	HI713314	NA	A	-	-	-	-	N	-		2,3,5
*Kailua Bay	K	HI753566	NA	A	-	-	-	-	N	-		2,3,5
*Kamakaokahonu	K	HIW00032	NA	A	A	-	-	A	N	N		2,3,5
*Kamakaokahonu (Kailua Pier A-1)	K	HI261474	NA	A	-	-	-	N	N	N		2,3,5
*Old Kona Airport St. Recreation Area	K	HI256093	NA	A	-	-	-	-	N	-		2,3,5
*Paaoao Point to Keawekaheka Point	K	HIW00145	NA	-	A	A	A	A	N	A	PO_4(A)	2,3,5
WAIKOLOA NEARSHORE	K	HIW40022	NA	A	-	-	-	-	N	-		2,3,5
*Spencer Beach Co. Park	K	HI936372	NA	A	-	-	-	-	N	N		2,3,5
*Waiulaula	K	HI934020	NA	A	N	N	N	N	N	N		2,5

Table 16. HAWAII Marine Waters												
Most marine water bodies are located (*) within their respective CWB nearshore assessment unit. The nearshore assessment unit provides a holistic view of waters within the State.												
***Nearshore Assessment Unit with Individual Water Bodies**	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
WAILOA/WAIPIO NEARSHORE	C	HIW40023	Wet	-	-	-	-	-	-	-		3
*Waipi'o Bay	C	HI534434	Wet	-	-	-	-	-	-	-		3
WAIOLA NEARSHORE EMBAYMENT	B	HIW40024	Wet	A	N	A	A	N	N	N		2,5
*Hilo Bay (Lighthouse)	B	HIW00028	Wet	N	A	N	N	N	N	A		2,5
*Hilo Bay (Canoe Beach)	B	HI315019	Wet	A	N	N	A	N	N	N		2,5
*Hilo Bay (Boat Landing)	B	HIW00027	Wet	A	-	-	-	-	N	N		2,3,5
*Hilo Bay (Coconut Isle)	B	HI977673	Wet	A	-	-	-	-	N	-		2,3,5
*Hilo Bay (Exit of Ice Pond)	B	HI659453	Wet	A	N	N	A	N	A	A		2,5
WAIOLA NEARSHORE COASTAL	C	HIW40025	Wet	A	N	N	N	***N***	N	N		2,5
*Radio Bay	C	HI425303	Wet	A	-	-	-	-	-	-		2,3
*James Kealoha Park	C	HI670254	Wet	A	***N***	-	-	***N***	N	N		2,3,5
*Leleiwi Beach Co. Park Coastal	C	HIW00220	Wet	A	***N***	-	-	***N***	N	N		2,3,5
*Onekahakaha Beach Co. Park	C	HI862286	Wet	A	***N***	-	-	A	N	N		2,3,5
*Onekahakaha Beach Co. Park (Puhi Bay #3)	C	HIW00029	Wet	A	-	-	-	-	N	N		2,3,5

Table 17. HAWAII Marine Waters - Not Associated with a Nearshore AU

Scopes of Assessment Not Associated with Nearshore AU	Water Body Type	Water Body ID	Wet/Dry Criteria	Enterococci	TN	NO_3+NO_2	NH_4	TP	Turbidity	Chl *a*	Other Parameters	Category
Halape Shelter	C	HI645539	Dry	-	-	-	-	-	-	-		3
Hilo Bay (Offshore)	B	HIW00031	Wet	-	-	N	N	-	N	N		3,5
Hilo Bay-inshore of breakwater and near shore waters from Wainaku to Paukaa	B	HIW00098	Wet	-	V	V	-	V	N	-		3,5
Honaunau Bay	K	HIW00176	NA	-	-	-	-	-	-	-		3
Kahoiawa Bay	K	HIW00150	NA	-	N	A	A	A	N	A		2,3,5
Kahoiawa Bay-Makalawena	K	HIW00151	NA	-	N	A	A	A	N	A		2,3,5
Kakapa Bay	K	HIW00152	NA	-	N	A	A	A	N	A		2,3,5
Kaluhika'a Beach	K	HI327989	NA	-	-	-	-	-	-	-		3
Kamoa Point	K	HI602472	NA	-	-	-	-	-	-	-		3
Kapu'a Bay	C	HIW00067	Dry	-	-	-	-	-	-	-		3
Kauilii Point-Kapaa Beach Park	C	HIW00201	Dry	-	N	N	N	A	A	N		2,3,5
Kauilii Point-Kapaa Beach Park (Oceanic)	O	HIW00202	NA	-	N	A	A	N	N	N		2,3,5
Kawaihae Harbor/Pelekane Bay	B	HIW00155	Dry	-	-	-	-	-	N	-		3,5
Kealia Beach	C	HI514168	Dry	-	-	-	-	-	-	-		3
Keawaiki	K	HI929053	NA	-	-	-	-	-	-	-		3
Ke'ei	K	HI858729	NA	-	-	-	-	-	-	-		3
Kulaimano	C	HIW00204	Wet	-	A	A	A	A	A	A		2,3
Lapakahi St. Hist. Park	C	HI490010	Dry	-	-	-	-	-	-	-		3
Mahai'ula Bay	K	HI694255	NA	-	-	-	-	-	-	-		3
Mahukona Beach Co. Park	C	HI273526	Dry	-	-	-	-	-	-	-		3

Table 17. HAWAII Marine Waters - Not Associated with a Nearshore AU												
Scopes of Assessment Not Associated with Nearshore AU	**Water Body Type**	**Water Body ID**	**Wet/Dry Criteria**	**Enterococci**	**TN**	**NO_3+NO_2**	**NH_4**	**TP**	**Turbidity**	**Chl *a***	**Other Parameters**	**Category**
Mahukona Harbor	C	HIW00197	Dry	-	N	N	N	A	N	N		2,3,5
Mahukona Harbor (Oceanic)	O	HIW00198	NA	-	N	A	N	N	N	N		2,3,5
Makalawena	K	HI901744	NA	-	-	-	-	-	-	-		3
Makaohule Point-Kauilii Point	C	HIW00199	Dry	-	N	N	N	A	A	N		2,3,5
Makaohule Point-Kauilii Point (Oceanic)	O	HIW00200	NA	-	N	A	A	N	N	N		2,3,5
Makole'a Beach	K	HI223059	NA	-	-	-	-	-	-	-		3
Mau'umae Beach	K	HI120357	NA	-	-	-	-	-	-	-		3
Ohai'ula Beach	K	HI143737	NA	-	-	-	-	-	-	-		3
Pahoehoe Beach Co. Park	K	HI935352	NA	-	-	-	-	-	-	-		3
Papa'i (King's Landing)	C	HI112071	Dry	-	-	-	-	-	-	-		3
Pueo Bay	K	HI930479	NA	-	-	-	-	-	-	-		3
Puhi Bay	C	HIW00206	Wet	A	A	***N***	A	A	A	***A***		2,5
Road to the Sea	C	HI849236	Dry	-	-	-	-	-	-	-		3
Waialea Bay	K	HI381812	NA	-	-	-	-	-	-	-		3
Waipahi Point	C	HIW00205	Wet	-	A	A	A	A	A	A		2,3

APPENDIX C: §303(d) List of Impaired Waters

Legend for Inland Waters

Scope of Assessment: EN = Entire network; EE = Entire estuary; ER = Entire reservoir; EW = Entire wetland; EL = Entire lake; E = Estuary
Water Body Type: P = Pearl Harbor

Legend for Marine Waters

Water Body Type: B = Embayment; C = Open coastal; O = Oceanic; K = Kona marine waters
Season: NA = Not applicable

Legend for Inland or Marine Waters

TMDL Priority Codes: H = High; M = Medium; L = Low priority for initiating TMDL development within the current monitoring and assessment cycle
H = Bold, italicized, underlined and shaded notations denote priority change from previous list

Table 1. Kauai Inland Listed Waters						
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Impairment(s)**	**TMDL Priority**
Anahola	Stream	EN	2-2-01	Dry	Enterococci, Turbidity	L
Anahola	Stream	EN	2-2-01	Wet	Enterococci, Turbidity	
Hanalei	Stream	EN	2-1-19	Dry	Enterococci, TP	TMDLs approved 2008 (Entero, Turbidity & TSS), L (Nutrients)
Hanalei	Stream	EN	2-1-19	Wet	Enterococci	TMDLs approved 2008 (Entero, Turbidity & TSS)
Hanalei Bay upstream of Dolphin	Estuary	EE	HIW00160	NA	Enterococci, Turbidity	TMDLs approved 2008 (Entero & Turbidity)
Hanalei River (End of Weke Road)	Estuary	EE	HI385259	NA	Enterococci, TP, Turbidity, NH_4	TMDLs approved 2008 (Entero & Turbidity), L (Nutrients)
Hanamaulu	Stream	EN	2-2-12	Dry	Turbidity	L
Hanamaulu	Stream	EN	2-2-12	Wet	Turbidity	
Hanapepe	Stream	EN	2-3-07	Dry	Turbidity	L
Hanapepe	Stream	EN	2-3-07	Wet	Turbidity	
Huleia	Stream	EN	2-2-15	Dry	Enterococci, TN, NO_3+NO_2, Turbidity	TMDLs approved 2008 (Entero, Nutrients, Turbidity & TSS)
Huleia	Stream	EN	2-2-15	Wet	Enterococci	
Kalihiwai	Stream	EN	2-1-25	Dry	Enterococci	L
Kalihiwai	Stream	EN	2-1-25	Wet	Enterococci	
Kapaa	Stream	EN	2-2-04	Dry	Turbidity	L
Kapaa	Stream	EN	2-2-04	Wet	Turbidity	
Kilauea	Stream	EN	2-1-28	Dry	Turbidity	L
Kilauea	Stream	EN	2-1-28	Wet	Turbidity	
Lawai	Stream	EN	2-3-04	Dry	TN, NO_3+NO_2, Turbidity	L
Lawai	Stream	EN	2-3-04	Wet	Turbidity	
Limahuli	Stream	EN	2-1-12	Dry	NO_3+NO_2	L
Manoa	Stream	EN	2-1-13	Dry	Turbidity	L
Manoa	Stream	EN	2-1-13	Wet	Turbidity	
Moloaa	Stream	EN	2-1-34	Dry	Enterococci, Turbidity	L
Moloaa	Stream	EN	2-1-34	Wet	Enterococci, Turbidity	

Table 1. Kauai Inland Listed Waters						
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Impairment(s)**	**TMDL Priority**
Nawiliwili	Stream	EN	2-2-13	Dry	Enterococci, TN, NO_3+NO_2, Turbidity	TMDLs approved 2008 (Entero, Nutrients, Turbidity & TSS)
Nawiliwili	Stream	EN	2-2-13	Wet	Enterococci, TN, NO_3+NO_2	
Papaa	Stream	EN	2-1-35	Dry	TN, NO3+NO2, Turbidity	L
Papakolea	Stream	EN	2-2-16	Dry	Enterococci, TN, NO_3+NO_2, TP, Turbidity, TSS	TMDLs approved 2008 (Entero, Nutrients, Turbidity & TSS)
Papakolea	Stream	EN	2-2-16	Wet	Enterococci, TN, NO_3+NO_2, TP, Turbidity, TSS	TMDLs approved 2008 (Entero, Nutrients, Turbidity & TSS)
Puali	Stream	EN	2-2-14	Dry	Enterococci, TN, NO_3+NO_2, Turbidity	TMDLs approved 2008 (Entero, Nutrients, Turbidity & TSS)
Puali	Stream	EN	2-2-14	Wet	Enterococci, TN, NO_3+NO_2, Turbidity	
Uhelekawawa	Stream	EN	2-2-Uhelekawawa		Turbidity	L
Wahiawa	Stream	EN	2-3-06	Dry	TN, NO_3+NO_2, Turbidity	L
Wahiawa	Stream	EN	2-3-06	Wet	TN, NO_3+NO_2, Turbidity	
Waikoko	Estuary	EE	HIW00162	NA	Enterococci, TN, NO_3+NO_2, TP, Turbidity, NH_4	TMDL approved 2008 (Turbidity & TSS), L (Entero & Nutrients)
Waikomo	Stream	EN	2-3-02	Dry	TN, NO_3+NO_2, Turbidity	L
Waikomo	Stream	EN	2-3-02	Wet	TN, NO_3+NO_2, Turbidity	
Wailua	Stream	EN	2-2-08	Dry	Enterococci, Turbidity	L
Wailua	Stream	EN	2-2-08	Wet	Enterococci	L
Waimea	Stream	EN	2-4-04	Dry	TP, Turbidity	L
Waimea	Stream	EN	2-4-04	Wet	Turbidity	
Waimea	Estuary	EE	2-4-04-E	NA	Turbidity	L
Waioli	Estuary	EE	HIW00163	NA	Enterococci, NO_3+NO_2, TP, Turbidity, NH_4	TMDL approved 2008 (Turbidity& TSS), L (Entero & Nutrients)
Waioli	Stream	EN	2-1-18	Dry	Enterococci, Turbidity	L
Waioli	Stream	EN	2-1-18	Wet	Enterococci, Turbitiy	L
Waiopili	Stream	EN	2-3-99	Wet	Enterococci, Turbidity	L

Table 1. Kauai Inland Listed Waters						
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Impairment(s)**	**TMDL Priority**
Waipa	Estuary	EE	HIW00164	NA	Enterococci, NH_4, TP, Turbidity	TMDL approved 2008 (Turbidity &TSS), L (Entero & Nutrients)
Waipa	Stream	EN	2-1-17	Dry	Enterococci	TMDLs approved 2008 (Turbidity & TSS), L
Waipa	Stream	EN	2-1-17	Wet	Enterococci	L
Total Number of Kauai Inland Water Bodies Listed for At Least One Impairment					**30**	

Table 2. Oahu Inland Listed Waters						
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Impairment(s)**	**TMDL Priority**
Ahuimanu	Stream	EN	3-2-07.03	Wet	Enterococci, Turbidity	L
Ahuimanu	Stream	EN	3-2-07.03	Dry	Enterococci, Turbidity	
Aiea	Stream	EN	3-4-03	Wet	TN, NO_3+NO_2, Turbidity, Trash	L
Aiea	Stream	EN	3-4-03	Dry	TN, NO_3+NO_2, Turbidity, Trash	
Ala Wai Canal & Boat Harbor	Estuary	EE	HIW00050	NA	Enterococci, TN, NO_3+NO_2, TP, Turbidity, Pathogens, Metals, TSS, Organochlorine Pesticides, Lead, Fish Consumption Advisory	TMDLs approved 1996 & revised 2002 (Canal TN & TP), L (Others)
Ala Wai Canal & Harbor (Canal-Diamond Head Stn)	Estuary	EE	HIW00085	NA	Enterococci, TN, TP, Turbidity, Chl *a*	L
Ala Wai Canal & Harbor (Manoa & Palolo KHS Stn)	Estuary	EE	HIW00036	NA	TN, TP, Turbidity, Chl *a*	L
Ala Wai Canal & Harbor (Manoa Stream Fork Stn)	Estuary	EE	HIW00035	NA	TN, Turbidity, Fecal	L
Ala Wai Canal & Harbor (Manoa-Palolo Stream Mouth Stn)	Estuary	EE	HIW00087	NA	TN, TP, Turbidity, Chl *a*	L
Ala Wai Canal & Harbor (McCully Bridge Stn)	Estuary	EE	HIW00086	NA	Enterococci	L
Ala Wai Canal & Harbor (Palolo Stream Fork)	Estuary	EE	HIW00034	NA	TN, Turbidity, Fecal	L
Anahulu	Estuary	EE	3-6-08-E		Enterococci, TN, NO_3+NO_2, TP, Turbidity	L
Halawa	Stream	EN	3-4-02		TN, NO_3+NO_2, TP, Turbidity	L
Heeia	Estuary	EE	3-2-08-E		Enterococci	L
Heeia	Stream	EN	3-2-08	Dry	TN, NO_3+NO_2	L
Helemano	Stream	EN	3-6-07.02		TN, NO_3+NO_2, TP, Turbidity	L
Kaaawa	Stream	EN	3-1-19		TN, NO_3+NO_2, TP, Turbidity	L

Table 2. Oahu Inland Listed Waters						
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Impairment(s)**	**TMDL Priority**
Kaalaea	Stream	EN	3-2-05	Dry	TN, NO_3+NO_2, Turbidity	L
Kaalaea	Stream	EN	3-2-05	Wet	TN, NO_3+NO_2,	L
Kaelepulu	Stream	EN	3-2-14		TN, NO_3+NO_2, TP, Turbidity	H
Kaelepulu Stream-Kailua Beach	Estuary	EE	HIW00182	NA	Enterococci, TN, TP, Turbidity, Chl *a*	H
Kahaluu	Estuary	EE	3-2-07-E		Enterococci, Turbidity	L
Kahaluu	Stream	EN	3-2-07.02	Dry	Enterococci, NO_3+NO_2, Turbidity	L
Kahaluu	Stream	EN	3-2-07.02	Wet	Enterococci	
Kahana	Stream	EN	3-1-18	Dry	NO_3+NO_2, Turbidity	L
Kahawainui	Stream	EN	3-1-07		TN, NO_3+NO_2, TP, Turbidity	L
Kalauao	Stream	EN	3-4-04-01	Dry	TN, NO_3+NO_2, Turbidity	L
Kalauao	Stream	EN	3-4-04-01	Wet	TN, NO_3+NO_2	
Kalihi	Stream	EN	3-3-11	Dry	NO_3+NO_2, Turbidity, Trash	H
Kalihi	Stream	EN	3-3-11	Wet	TN, NO_3+NO_2, Trash	
Kamooalii (Trib to Kaneohe Stream)	Stream	Kamooalii Trib	3-2-10.01	Dry	TN, NO_3+NO_2, TP, Turbidity	TMDLs approved 2010 (TN &TP), L (Others)
Kamooalii (Trib to Kaneohe Stream)	Stream	Kamooalii Trib	3-2-10.01	Wet	TN, NO_3+NO_2, TP	
Kaneohe	Stream	EN	3-2-10	Dry	TN, NO_3+NO_2, TP, Turbidity, Dieldrin	
Kaneohe	Stream	EN	3-2-10	Wet	TN, NO_3+NO_2, TP, Turbidity, Dieldrin	
Kapaa	Stream	EN	3-2-13-Kapaa		TN, NO_3+NO_2, TP, Turbidity, TSS, Metals, Lead	TMDLs approved 2007 (TN, TP & TSS)
Kapakahi	Stream	EN	3-4-Kapakahi	Wet	TN, NO_3+NO_2, TP, Trash	L
Kapakahi	Stream	EN	3-4-Kapakahi	Dry	Turbidity, Trash	
Kapalama	Stream	EN	3-3-10		TN, NO_3+NO_2, TP, Turbidity, Trash	L
Kaukonahua	Stream	EN	3-6-06.02	Dry	TN, NO_3+NO_2, Turbidity	L
Kaukonahua	Stream	EN	3-6-06.02	Wet	TN, NO_3+NO_2, Turbidity	
Kaukonahua (N Fork)	Stream	EN	3-6-06.02.2		TN, Turbidity	TMDLs approved 2010 (TN &Turbidity)
Kaukonahua (S Fork)	Stream	EN	3-6-06.02.1		TN, Turbidity	
Kaupuni	Stream	EN	3-5-05		TN, NO_3+NO_2, TP, Turbidity, Trash	H

Table 2. Oahu Inland Listed Waters						
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Impairment(s)**	**TMDL Priority**
Kawa	Stream	EN	3-2-11		TN, NO_3+NO_2, TP, Turbidity, TSS	TMDLs approved 2002 & revised 2005 (TN, TP&TSS)
Kawailoa	Stream	EN	3-6-08.01		TN, NO_3+NO_2, TP, Turbidity	L
Keaahala	Stream	EN	3-2-09	Dry	TN, NO_3+NO_2, TP, Turbidity, Trash	L
Keaahala	Stream	EN	3-2-09	Wet	TN, NO_3+NO_2, Trash	
Kuliouou	Stream		3-3-03	Dry	Enterococci	L
Kuliouou	Stream		3-3-03	Wet	Enterococci	L
Makiki	Stream	EN	ALWS06	Dry	TN, TP	L
Manoa	Stream	EN	3-3-07.01		TN, NO_3+NO_2, TP, Turbidity, Dieldrin, Chlordane	L
Maunawili	Stream	EN	3-2-13.01		TN, NO_3+NO_2, TP, Turbidity, Trash	L
Moanalua	Stream	EN	3-3-12.01	Dry	TN, Turbidity, Trash	H
Moanalua	Stream	EN	3-3-12.01	Wet	TN, Trash	
Nuuanu	Stream	EN	3-3-09	Dry	TN, NO_3+NO_2, TP, Turbidity, TSS, Trash, Dieldrin, Chlordane	L
Nuuanu	Stream	EN	3-3-09	Wet	TN, NO_3+NO_2, Turbidity, Trash, Dieldrin, Chlordane	
Opaeula	Stream	EN	3-6-07.01		TN, NO_3+NO_2, TP, Turbidity	L
Palolo	Stream	EN	3-3-0.7.01.1		Trash	L
Paukauila	Estuary	EE	3-6-07-E		TN, NO_3+NO_2, TP, Turbidity	L
Pearl Harbor	Estuary (P)	EE	HIW00006	NA	TN, TP, Chl *a*	L
Pearl Harbor-harbor waters and near shore waters to 30' from Keehi Lagoon to Oneula Beach	Estuary (P)	EE	HIW00119	NA	TN, NO_3+NO_2, TP, Turbidity,PCBs, Fish Consumption Advisory	L
Poamoho	Stream	EN	3-6-06.01		TN, NO_3+NO_2, TP, Turbidity	L
Salt Lake	Lake	EL	3-3-12-Salt Lake		Turbidity, Trash	L
Wahiawa Reservoir	Reservoir	ER	3-6-06.02-R		TN, NO_3+NO_2, TP, Turbidity	L
Waiahole	Stream	EN	3-2-04	Dry	Enterococci, NO_3+NO_2, TP, Turbidity	L
Waiahole	Stream	EN	3-2-04	Wet	Enterococci, NO_3+NO_2	
Waiawa	Stream	EN	3-4-06	Wet	Turbidity, Trash	L

Table 2. Oahu Inland Listed Waters						
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Impairment(s)**	**TMDL Priority**
Waiawa	Stream	EN	3-4-06	Dry	TN, NO_3+NO_2, TP, Turbidity, Trash	L
Waihee	Stream	EN	3-2-07.01	Wet	Enterococci, TN, NO_3+NO_2, TP	L
Waihee	Stream	EN	3-2-07.01	Dry	Enterococci, TN, NO_3+NO_2, Turbidity	
Waikane	Stream	EN	3-2-02	Dry	NO_3+NO_2	L
Waikane	Stream	EN	3-2-02	Wet	NO_3+NO_2	
Waikele	Stream	EN	3-4-10	Dry	TN, NO_3+NO_2	TMDL Completed Feb. 2019 for Nutrients
Waikele	Stream	EN	3-4-10	Wet	TN, NO_3+NO_2, Turbidity	
Wailele	Stream	EN	3-1-08	Wet	Turbidity	L
Waimalu	Stream	EN	3-4-05	Wet	Turbidity	L
Waimanalo	Stream	EN	3-2-15		TN, NO_3+NO_2, TP, Turbidity, TSS	TMDLs approved 2001 (Nutrients & Sediment)
Waimano	Stream	EN	3-4-06.01		Turbidity	L
Waiola	Stream	EN	3-2-07.04	Wet	Turbidity	L
Waiola	Stream	EN	3-2-07.04	Dry	Turbidity	
Total Number of Oahu Inland Water Bodies Listed for At Least One Impairment					**56**	

Table 3. Molokai Inland Listed Waters						
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Impairment(s)**	**TMDL Priority**
Waialua	Stream	EN	4-2-04	Dry	Turbidity	L
Total Number of Molokai Inland Waters Listed for At Least One Impairment					**1**	

Table 4. Maui Inland Listed Waters						
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Impairment(s)**	**TMDL Priority**
Honokowai	Stream	EN	6-1-07		Turbidity	L
Iao	Stream	EN	6-2-09		Turbidity, Trash	L
Kahana	Stream	EN	6-1-08		Turbidity	L
Kahoma	Stream	EN	6-1-05		Turbidity	L
Kihei Coast-Kaonoulu Estuary	Estuary	EE	HIW00040	NA	TN, NO_3+NO_2, Turbidity	L
Kihei Coast-Kealia Pond	Estuary	EE	HIW00070	NA	Chl *a*	L
Makamakaole	Stream	EN	6-2-06	Dry	Turbidity	L
Maliko	Stream	EN	6-3-01	Wet	Turbidity	L
Ohia	Stream	EN	6-4-12		TN, NO_3+NO_2, TP, Turbidity, Trash	L
Ukumehame	Stream	EN	6-1-01	Dry	NO_3+NO_2	L
Waihee	Stream	EN	6-2-07	Wet	TN, NO_3+NO_2, TP	L
Waikapu	Stream	EN	6-2-10	Dry	Turbidity	L
Waipio	Stream	EN	6-3-10	Wet	Turbidity	L
Total Number of Maui Inland Water Bodies Listed for At Least One Impairment					**13**	

Table 5. Hawaii Inland Listed Waters						
Assessed Water Body	**Water Body Type**	**Scope of Assessment**	**Water Body ID**	**Season**	**Impairment(s)**	**TMDL Priority**
Aamakao	Stream	EN	8-1-12	Dry	Turbidity	L
Alenaio	Stream	EN	8-2-61.01.1		TN, NO_3+NO_2, TP	M
Hakalau	Stream	EN	8-2-32		TN, NO_3+NO_2, TP, Turbidity	L
Halelua	Stream	EN	8-1-10	Wet	Turbidity	L
Honolii	Stream	EN	8-2-56	Dry	Turbidity	M
Kaieie	Stream	EN	8-2-49	Wet	TN, NO_3+NO_2, TP	L
Kapehu	Stream	EN	8-2-37	Dry	NO_3+NO_2, Turbidity	L
Kapue	Stream	EN	8-2-53	Dry	Turbidity	L
Lalakea	Stream	EN	8-1-45	Dry	Turbidity	L
Leleiwi Beach Co. Park	Estuary	EE	HI540868	NA	TP	M
Leleiwi Beach Co. Park (Richardson Ocean Center)	Estuary	EE	HIW00030	NA	Turbidity, Chl *a*	L
Maili	Stream	EN	8-2-57	Dry	Turbidity	M
Niulii	Stream	EN	8-1-13	Dry	Turbidity	L
Waiakea	Stream	EN	8-2-61		TN, NO_3+NO_2, TP	L
Waikama	Stream	EN	8-1-14	Dry	Turbidity	L
Wailoa	Estuary	EE	8-2-61-E		TN, NO_3+NO_4, TP, Turbidity	M
Wailoa River (Boat Ramp)	Estuary	EE	HIW00172	NA	Enterococci, TN, NO_3+NO_2, TP, NH_4	M
Wailoa/Waipio	Stream	EN	8-1-44	Dry	TN, NO_3+NO_2, TP	L
Wailoa/Waipio	Stream	EN	8-1-44	Wet	TN, NO_3+NO_2	
Wailuku	Stream	EN	8-2-60	Dry	NO_3+NO_2	M
Wainaia	Stream	EN	8-1-09	Wet	Turbidity	L
Total Number of Hawaii Inland Water Bodies Listed for At Least One Impairment					**20**	

Table 6. Kauai Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Anahola Beach Park	HI823433	C	Wet	Turbidity	L
Anahola Nearshore	HIW30004	C	Wet	Chl. *a*, Turbidity	L
Anini Beach	HI338804	C	Wet	Turbidity	L
Anini Beach Park	HI418744	C	Wet	Enterococci, Turbidity	L
Beach House Beach	HI156238	C	Dry	Turbidity	L
Brennecke Beach	HI166521	C	Dry	Turbidity	L
Haena Beach Park	HI554189	C	Wet	Turbidity	L
Hanalei Bay (Landing)	HIW00093	B	Wet	Enterococci, Turbidity	TMDLs approved 2012 (Entero & Turbidity)
Hanalei Bay (Pavilion)	HIW00092	B	Wet	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Hanalei Bay (Waioli Beach)	HIW00091	B	Wet	Turbidity	TMDLs approved 2012 (Entero & Turbidity)
Hanalei Bay Mooring Station	HIW00157	B	Wet	Enterococci	TMDLs approved 2012 (Entero & Turbidity)
Hanalei Nearshore	HIW30005	B	Wet	NO_3+NO_2, NH_4, Turbidity, Chl *a*	TMDLs approved 2012 (Entero & Turbidity), L
Hanama'ulu Bay	HIW00063	B	Wet	Turbidity	L
Hanama'ulu Bay (Beach)	HIW00094	B	Wet	Enterococci, Turbidity	L
Hanapepe Bay-from breakwater to shore and near shore waters to 30' from Puolo Point to Paakehi Point	HIW00048	B	Wet	TN, NO_3+NO_2, TP	L
Hanapepe Nearshore	HIW30007	B	Wet	NH_4, Turbidity	L
Hoea Nearshore	HIW30008	C	Dry	Turbidity	L
Kalihikai Center Nearshore	HIW30009	C	Wet	Enterococci, Turbidity	L
Kalihikai West Nearshore	HIW30010	C	Wet	Turbidity	L
Kalihiwai Bay	HI264001	C	Wet	Turbidity	L
Kalihiwai Nearshore	HIW30011	C	Wet	Turbidity	L
Kapa'a Beach Co. Park	HI972832	C	Wet	Turbidity	L
Kapa'a Nearshore	HIW30012	C	Wet	Turbidity	L
Kapilimao Nearshore	HIW30013	C	Wet	Turbidity	L
Kaumakani Nearshore	HIW30015	C	Wet	NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L

Table 6. Kauai Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Kawailoa Nearshore	HIW30016	C	Wet	NH_4, Turbidity	L
Kealia	HI402035	C	Wet	Turbidity	L
Kee Beach	HI124511	C	Wet	Turbidity	L
Kekaha Beach Co. Park	HI530569	C	Dry	Turbidity	L
Koloa Landing	HI955435	C	Dry	Enterococci, Turbidity	L
Kukuiula Bay	HI619039	B	Dry	Turbidity	L
Limahuli Nearshore	HIW30019	C	Wet	Turbidity	L
Lumaha'i Beach	HI889639	C	Wet	Enterococci, Turbidity	L
Lydgate Park	HI798758	C	Wet	NH_4, Turbidity	L
Mana Point	HIW00184	C	Dry	TN, NH_4, Chl *a*	L
Manoa Nearshore	HIW30022	C	Wet	Turbidity	L
Nawiliwili Bay (Kalapaki Beach)	HIW00114	B	Dry	Enterococci, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Nawiliwili Bay (Nawiliwili Harbor)	HIW00115	B	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Nawiliwili Bay (Offshore)	HIW00116	B	Wet	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Nawiliwili Bay-from breakwater to shore	HIW00059	B	Dry	TN, NO_3+NO_2, TP, Turbidity	L
Nawiliwili Nearshore	HIW30025	B	Dry	Enterococci, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Nukolii Beach Park	HI502794	C	Wet	Turbidity	L
Pacific Missile Range Facility (Open Coastal)	HIW00212	C	Dry	Turbidity, Chl *a*	L
Pacific Missile Range Facility/Barking Sands Beach	HI176480	C	Dry	Turbidity	L
Pakala (Makaweli)	HI468251	C	Wet	Turbidity	L
Prince Kuhio Park	HI742228	C	Dry	Turbidity	L
Po'ipu Beach Co. Park	HI396850	C	Dry	NO_3+NO_2, NH_4, Turbidity	L
Polihale State Park	HI247403	C	Dry	Turbidity	L
Port Allen Boat Harbor (Port Allen Pier)	HIW00026	B	Wet	NH_4, Turbidity	L
Salt Pond Beach Co. Park	HI701008	C	Wet	NO_3+NO_2, NH_4, Turbidity	L
Sheraton Beach	HI542569	C	Dry	Turbidity	L

Table 6. Kauai Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Shipwreck Beach	HI358435	C	Dry	Turbidity	L
Tunnels Beach	HI936087	C	Wet	Turbidity	L
Wai'ohai Beach	HI392082	C	Dry	Turbidity	L
Waikaea Nearshore	HIW30028	C	Wet	Turbidity	L
Waikomo Nearshore	HIW30029	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Wailua (Open Coastal)	HIW00215	C	Wet	Enterococci, Chl. *a*	L
Wailua (Wailua River Station)	HI606168	C	Wet	Turbidity	L
Wailua Nearshore	HIW30031	C	Wet	Turbidity	L
Waimea Bay Beach (Near River Station)	HI862821	C	Dry	Enterococci	L
Waimea Bay Beach-near shore waters to 18' from Kekaha Oomano Point-1.5 miles SE of Mahinaui Stream	HIW00057	C	Dry	Turbidity, TSS	L
Waimea Nearshore	HIW30032	C	Dry	Enterococci, Turbidity	L
Waimea Rec. Pier St. Park	HI245235	C	Dry	Enterococci, Turbidity	L
Waioli Nearshore	HIW30034	B	Wet	Turbidity	TMDLs approved 2012 (Entero & Turbidity)
Waipouli Beach	HI682678	C	Wet	Turbidity	L
Total Number of Kauai Marine Water Bodies Listed for At Least One Impairment				**65**	

Table 7. Oahu Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Ala Moana Beach (Center)	HIW00001	C	Wet	Turbidity, Chl *a*	L
Ala Moana Beach (Diamond Head)	HIW00002	C	Wet	NH_4, Turbidity, Chl *a*	L
Ala Moana Beach (Ewa)	HI473893	C	Wet	Turbidity	L
Ala Wai Boat Harbor (Ala Moana Bridge Station)	HIW00125	B	Wet	Enterococci, TN, TP, Turbidity, Chl a	L
Ala Wai Nearshore Ala Moana to Kuhio	HIW10001	C	Wet	NH_4, Turbidity	L
Ala Wai Nearshore Kuhio to Tonggs	HIW10002	C	Dry	NO3+NO2, NH4, Turbidity, Chl. *a*	L
Anahulu Nearshore	HIW10003	B	Wet	Turbidity	L
Bellows Field Beach Co. Park	HIW00081	C	Wet	NO_3+NO_2, NH_4, TP, Turbidity, Chl *a*	L
Bellows Field Beach Co. Park (N. Runway)	HI798011	C	Wet	NH_4, Turbidity	L
Campbell Industrial	HIW00187	C	Dry	Turbidity, Chl *a*	L
Chun's Reef	HI950962	C	Wet	Turbidity	L
Diamond Head	HI544313	C	Dry	Turbidity	L
Ewa Beach	HI767464	C	Wet	Turbidity	L
Ewa Beach Park	HI319095	C	Wet	NH_4, Turbidity, Chl *a*	L
Ewa (Open Coastal)	HIW00189	C	Wet	Enterococci	L
Gray's Beach	HI941499	C	Wet	TN, Turbidity, Chl *a*	L
Haleiwa Beach Park	HI994019	B	Wet	TN, TP, Turbidity, Chl *a*	L
Hanauma Bay	HIW00058	B	Dry	Trash	L
Hanauma Bay (Beach)	HIW00096	B	Dry	NO_3+NO_2, NH_4, Turbidity	L
Hanauma Bay (Oceanic)	HIW00017	O	NA	NO_3+NO_2, NH_4, Chl *a*	L
Hanauma Nearshore	HIW10005	B	Dry	NO_3+NO_2, NH_4, Turbidity	L
Heeia Kea Small Boat Harbor	HIW00097	B	Wet	TN, Chl *a*	L
Honolulu Harbor & Shore Area-Honolulu Waterfront-Aloha Tower	HIW00061	B	Wet	NH_4, Trash	L
Honolulu Harbor & Shore Area-Kewalo Basin	HIW00051	B	Wet	TN, NO_3+NO_2, TP, Turbidity, TSS, Trash	L

Table 7. Oahu Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Honolulu Harbor-near shore waters to 30' from one mile NW of Honolulu Harbor/Sand Island Channel to Waikiki Beach	HIW00049	B	Wet	Enterococci, TN, NO_3+NO_2, TP, Turbidity, Pathogens, Metals, TSS	L
Ihilani Honu Lagoon	HI815093	B	Dry	NO_3+NO_2, NH_4, Turbidity	L
Ihilani Kohola Lagoon	HI515191	B	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Ihilani Naia Lagoon	HI685981	B	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Ihilani Ulua Lagoon	HI550240	B	Dry	NH_4, Turbidity	L
Kaaawa Nearshore	HIW10008	C	Wet	NH_4, Turbidity, Chl. *a*	L
Ka'alawai Beach	HI253930	C	Dry	Enterococci	L
Kaelepulu Nearshore	HIW10009	C	Wet	TN, NH_4, Turbidity, Chl *a*	H
Ka'ena Point (Manini)	HIW00225	C	Dry	NH_4, Turbidity	L
Kahala Beach Shoreline	HI514582	C	Dry	Turbidity	L
Kahala Hilton Beach	HI173325	C	Dry	Turbidity	L
Kahana Bay Park	HIW00102	B	Wet	Enterococci, TN, TP, Turbidity	L
Kahana Bay-near shore waters to 30' from Mahie Point to a point one mile north of Kahana Bay Station	HIW00062	B	Wet	Turbidity, TSS	L
Kahana Nearshore	HIW10070	B	Wet	NH_4, Turbidity	L
Kahana Park	HIW00103	B	Wet	Enterococci	L
Kahanamoku Beach	HI366432	C	Wet	Turbidity, Chl *a*	L
Kahawainui-Malaekahana Nearshore	HIW10013	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kahe Point Beach Co. Park	HI548986	C	Dry	Turbidity	L
Kahe Point (Open Coastal)	HIW00214	C	Dry	NO_3+NO_2, NH_4	L
Kaiaka Bay	HIW00106	B	Wet	Enterococci, TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kailua Beach Park	HI482719	C	Wet	NH_4, Turbidity, Chl *a*	L
Kalama Beach	HI071892	C	Dry	Turbidity	L
Kaloi Nearshore	HIW10017	C	Wet	Turbidity, Chl. *a*	L
Kaluakauila Nearshore	HIW10018	C	Dry	NH_4, Turbidity	L

Table 7. Oahu Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Kalunawaikaala Nearshore	HIW10019	C	Wet	Enterococci, NH_4, Turbidity	L
Kaneohe Bay (Beach Park)	HIW00004	B	Wet	TN, TP, Turbidity, Chl *a*	L
Kaneohe Bay (Central Region)	HIW00013	B	Wet	TN, NO_3+NO_2, NH_4, Turbidity	L
Kaneohe Bay (Kokokahi Pier)	HIW00005	B	Wet	Enterococci, TN, TP, Turbidity, Chl *a*	L
Kaneohe Bay (Northern Region)	HIW00012	B	Wet	Enterococci, TN, NO_3+NO_2, NH_4, Turbidity	L
Kaneohe Bay (Southern Region)	HIW00011	B	Wet	Enterococci, TN, NO_3+NO_2, NH_4, Turbidity	L
Kaneohe Bay-near shore waters at mouths of Kaneohe and Kawa Streams	HIW00054	B	Wet	TN, NO_3+NO_2, TP, Turbidity, TSS	L
Kapi'olani Park	HI733929	C	Dry	Turbidity	L
Kapoho Point	HIW00192	C	Dry	Enterococci	L
Kaupuni Nearshore Pokai Bay	HIW10022	B	Dry	NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Kawaihapai Nearshore	HIW10025	C	Dry	TN, NH_4, Turbidity, Chl. *a*	L
Kawainui Nearshore	HIW10026	C	Dry	TN, NH_4, Turbidity, Chl. *a*	L
Kawela Bay	HI698581	C	Dry	TN, TP, Turbidity, Chl *a*	L
Keamanea Nearshore	HIW10029	C	Wet	TN, NO_3+NO_2, NH_4, TP, Turbidity, Chl. *a*	L
Keamanea-Waimea Nearshore	HIW10028	C	Wet	TN, NO_3+NO_2, NH_4,Turbidity, Chl. a	L
Keeau Nearshore	HIW10031	C	Dry	NH_4, Turbidity, Chl. *a*	L
Keehi Lagoon	HIW00009	B	Wet	Turbidity	H
Keehi Lagoon (Point X)	HIW00010	B	Wet	Enterococci, TN, TP, Chl *a*	H
Keehi Lagoon waters and near shore waters to 30' from lagoon mouth to Pearl Harbor	HIW00055	B	Wet	TN, NO_3+NO_2, TP, Turbidity, TSS	L
Kewalo Basin	HIW00126	C	Wet	TN, TP, Turbidity, Chl *a*	L
Koko Crater Nearshore	HIW10032	C	Dry	TN, NH_4, Turbidity	L
Kokololio Beach	HI767708	C	Dry	Turbidity	L

Table 7. Oahu Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Koloa Nearshore	HIW10034	C	Dry	Turbidity	L
Koloa-Kaipapau Nearshore	HIW10033	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Kualoa Co. Regional Park	HI848207	C	Wet	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kualoa Nearshore	HIW10035	C	Wet	TN, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Kuhio Beach	HI681782	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kuhio Beach (Public Bath)	HI851298	C	Dry	NH_4, Turbidity, Chl *a*	L
Kuli'ou'ou	HI360513	B	Dry	Enterococci	L
Laenani Beach Co. Park	HI930562	B	Wet	Enterococci	L
Laie Bay	HI472847	C	Dry	TN, TP, Turbidity, Chl. *a*	L
Laniakea Beach	HI183312	C	Wet	Turbidity	L
Lanikai Beach	HI596989	C	Wet	Turbidity	L
Lanikai Boat Ramp	HIW00193	C	Wet	Enterococci	L
Loko Ea Nearshore	HIW10037	B	Wet	Turbidity	L
Lualualei Beach Co. Park	HI800877	C	Dry	Turbidity	L
Magic Island	HI529142	C	Wet	Turbidity	L
Magic Island Bowls	HIW00223	C	Wet	Enterococci	L
Ma'ili Beach Park	HI627464	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Maili Nearshore	HIW10041	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Maipalaoa Beach	HI280966	C	Dry	Enterococci, Turbidity	L
Makaha Beach	HI632106	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Makaha Nearshore	HIW10042	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Makaiwa Nearshore	HIW10043	C	Dry	NH_4, Turbidity, Chl. *a*	L
Makaiwa Nearshore Ko'Olina	HIW10044	B	Dry	NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Malaekahana Nearshore	HIW10015	C	Dry	Turbidity	L
Makapuu Beach	HI723399	C	Dry	Turbidity	L
Makapuu Nearshore	HIW10045	C	Dry	TN, NH_4, Turbidity, Chl. *a*	L
Makaua Nearshore	HIW10046	C	Wet	TN, NH_4, NO_3+NO_2, Chl. *a*	L
Makua Beach	HI915061	C	Dry	NH_4, Turbidity	L
Makua Nearshore	HIW10047	C	Dry	NH_4, Turbidity	L
Malaekahana State Park	HI137325	C	Dry	Turbidity	L
Mamala Bay (Fort Kamehameha Offshore)	HIW00190	C	Wet	Chl *a*	L

Table 7. Oahu Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Mamala Bay (Sand Island Offshore)	HIW00014	C	Wet	NH_4	L
Mamala Bay (Oceanic)	HIW00015	O	NA	TN, Chl *a*	L
Manner's Beach	HI717740	C	Dry	Turbidity	L
Mauna Lahilahi Beach	HI639551	C	Dry	Enterococci	L
Maunalua Bay	HIW00016	C	Dry	NH_4, Turbidity, Chl *a*	L
Maunalua Beach Park	HI423413	B	Dry	Turbidity	L
Keehi Lagoon Beach	HIW10048	B	Wet	Turbidity	H
Nanakuli Beach Park	HI467413	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Nanakuli Nearshore	HIW10049	C	Dry	Turbidity	L
Nimitz Beach	HI682233	C	Wet	Turbidity	L
Ocean Pointe C	HIW00132	C	Wet	Turbidity, Chl *a*	L
Ocean Pointe Control	HIW00129	C	Wet	Turbidity, Chl *a*	L
Ocean Pointe E	HIW00130	C	Wet	Turbidity, Chl *a*	L
Ocean Pointe W	HIW00131	C	Wet	Turbidity, Chl *a*	L
Ocean Pointe KA	HIW00210	C	Wet	Turbidity, Chl *a*	L
Ocean Pointe PR	HIW00211	C	Wet	Chl *a*	L
Oio Nearshore	HIW10052	C	Dry	TN, NH_4, Turbidity, Chl. *a*	L
Oneawa Beach	HI952205	C	Dry	TN, TP, Turbidity, Chl *a*	L
Oneula Beach Park	HI825419	C	Wet	Turbidity	L
Pahole-Makaleha Nearshore	HIW10052	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Pakulena Nearshore	HIW10057	C	Dry	Turbidity	L
Pakulena-Paumalu Nearshore	HIW10056	C	Dry	NH_4, Turbidity, Chl. *a*	L
Papaakoko-Kaluanui Nearshore	HIW10059	C	Dry	NH_4, Turbidity, Chl. *a*	L
Paumalu Nearshore	HIW10058	C	Dry	Turbidity	L
Pipeline, The	HI188157	C	Dry	Turbidity	L
Pokai Bay	HIW00007	B	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	H
Pokai Bay (Oceanic)	HIW00019	O	NA	TN, Chl *a*	L
Pokai Bay (Open Coastal)	HIW00018	C	Dry	Chl. *a*	L
Pounders Beach	HI587568	C	Dry	Turbidity	L
Pupukea Beach Co. Park	HI93495	C	Wet	Enterococci, NO_3+NO_2, NH_4, Turbidity	L
Punaluu Beach Park	HI148836	C	Wet	Enterococci, Turbidity	L

Table 7. Oahu Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Punaluu Nearshore	HIW10063	C	Wet	Enterococci, Turbidity	L
Royal-Moana Beach	HI898947	C	Wet	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Sand Island (Shoreline)	HI714359	C	Wet	NO_3+NO_2, Turbidity, Chl *a*	L
Sand Island Point #3	HIW00181	C	Wet	TN, Turbidity, Chl *a*	L
Sandy Beach	HI776760	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Sandy Beach (Open Coastal)	HIW00191	C	Dry	Chl *a*	L
Sans Souci	HI617815	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Sunset Beach	HI860544	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Tern Island	HIW00221	NA	NA	Trash	L
Tongg's	HI248913	C	Dry	Turbidity	L
Ulehawa Nearshore	HIW10064	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Waialae Beach Co. Park	HI997368	C	Dry	Enterococci	L
Waialaenui Nearshore	HIW10065	C	Dry	Enterococci, NH_4, Turbidity, Chl. *a*	L
Waialua Bay	HI451176	B	Wet	Turbidity	L
Waialua/Kaiaka Bays near shore waters to 60' from Puaena Point to a point 1.5 miles W of Kaiaka Point	HIW00083	B	Wet	TN, NO_3+NO_2, TP, Turbidity, TSS	L
Waialua Nearshore	HIW10066	C	Dry	Turbidity	L
Waikiki Beach Center	HI244505	C	Wet	Turbidity	L
Wailele Nearshore	HIW10067	C	Dry	TN, NH4, NO3+NO2, Chl-a	L
Wailupe Beach Park	***HI432476***	***C***	***Dry***	***Enterococci***	L
Wailupe Nearshore	HIW10068	C	Dry	Turbidity	L
Waimanalo Bay St. Rec. Area (Park)	HIW00008	C	Dry	Turbidity	L
Waimanalo Beach Co. Park (South)	HIW00174	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Waimanalo Beach Co. Park (North)	HIW00175	C	Dry	Turbidity	L
Waimanalo Nearshore	HIW10069	C	Wet	TN, NH_4, Turbidity, Chl. *a*	L
Waimea Bay	HIW00128	C	Wet	Turbidity	L
Waimea Nearshore	HIW10030	C	Wet	Turbidity	L
White Plains Beach	HI267023	C	Wet	Turbidity	L

Table 7. Oahu Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Yokohama Bay	HI269028	C	Dry	NH_4, Turbidity	L
Total Number of Oahu Marine Water Bodies Listed for At Least One Impairment				**156**	

Table 8. Molokai Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Mo'omomi Beach	HI204811	C	Dry	Turbidity	L
South Molokai Coast-near shore waters to 18' from SW point-Waialua	HIW00052	C	Dry	TN, NO_3+NO_2, TP, Turbidity, TSS	L
Kawa'aloa Bay	HI384043	C	Dry	Turbidity	L
Total Number of Molokai Marine Waters Listed for At Least One Impairment				**3**	

Table 9. Lanai Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Anapuka Nearshore	HIW50001	C	Dry	Turbidity, Chl. *a*	L
Kaluakoi Pt to Huawai Bay	HIW00135	C	Dry	Turbidity, Chl. *a*	L
Kawaiu Gulch-Makole Point	HIW00133	C	Dry	Chl *a*	L
Mahanalua	HIW00136	C	Dry	TN, Turbidity, Chl *a*	L
Hulopoe Bay	HIW00177	C	Dry	Turbidity, Chl. *a*	L
Manele Boat Harbor	HIW00179	B	Dry	Turbidity, Chl *a*	L
Manele Nearshore	HIW50005	C	Dry	Turbidity, Chl *a*	L
Awehi	HIW00134	C	Dry	TN, Turbidity, Chl *a*	L
Kahemano Beach	HI801428	C	Dry	NH_4, Turbidity	L
Total Number of Lanai Marine Waters Listed for At Least One Impairment				**9**	

Table 10. Maui Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Ahihi-Kinau Natual Area Reserve	HIW00084	C	Dry	NO_3+NO_2, NH_4, Turbidity	L
Ahihi-Kinau Nearshore	HIW20001	C	Dry	NO_3+NO_2, NH_4, Turbidity	L
Fleming Beach North	HI253548	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
H.A. Baldwin Beach Co. Park	HI846900	C	Dry	Turbidity	L
Hanaka'o'o Beach Co. Park	HI797917	C	Wet	TN, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Hanaka'o'o Station	HIW00165	C	Dry	NO_3+NO_2, Turbidity	L
Hapapa Nearshore	HIW20002	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity	L
Honokahua Nearshore	HIW20003	C	Dry	Turbidity, Chl. *a*	L
Honokowai Beach Co. Park	HI412391	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Honokowai Point to Kaanapali	HIW00139	C	Dry	TN, NH_4	L
Honokowai Nearshore	HIW20004	C	Dry	TN, NH_4, NO_3+NO_2, Turbidity, Chl. *a*	L
Honolua Bay	HI280286	C	Dry	Enterococci, TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Honolua Nearshore	HIW20005	C	Dry	Enterococci, TN, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Honomanu Bay	HI985873	C	Wet	Enterococci	L
Ho'okipa Beach Co. Park	HIW00024	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Iao Nearshore	HIW20007	B	Dry	TN, TP, Turbidity, Chl. *a*	L
Kaanapali (Kahekili Beach)	HI643627	C	Wet	NO_3+NO_2, Turbidity, Chl. *a*	L
Kaanapali (Sheraton Kaanapali Shoreline)	HIW00022	C	Wet	NO_3+NO_2, NH_4, Turbidity	L
Kahana (Mahinahina Condo Shoreline)	HI160433	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kahana Nearshore	HIW20008	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kahoma Nearshore	HIW20009	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Kahului Bay	HIW00195	B	Wet	NO_3+NO_2	L
Kahului Harbor	HIW00104	B	Dry	TN, TP, Turbidity, Chl. *a*	L
Kahului Harbor (Bay)	HIW00105	B	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kahului Harbor-inshore of breakwater	HIW00053	B	Dry	TN, NO_3+NO_2, TP, Turbidity	L
Kailua Gulch Nearshore	HIW20010	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L

Table 10. Maui Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Kalama Beach Station	HIW00168	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kalama Beach Co. Park (Beach)	HIW00023	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kalama Beach Co. Park (Cove Park)	HI705118	C	Dry	TN, NO_3+NO_2, NH_4, TP, Turbidity, Chl *a*	L
Kalepolepo Beach	HI647373	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity	L
Kalepolepo (Waimahaihai)	HIW00141	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kalialinui Nearshore	HIW20011	B	Dry	TN, TP, Turbidity, Chl. *a*	L
Kamaole Beach 1	HI761092	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kamaole Beach 2	HI097179	C	Dry	Turbidity, Chl *a*	L
Kamaole Beach 3	HI496115	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kanaha Beach	HI797225	C	Dry	TP, Turbidity, Chl *a*	L
Kanaha Beach (Kaa Shoreline)	HIW00020	B	Dry	TN, TP, Turbidity, Chl *a*	L
Kapalua (Fleming's) Beach	HI391006	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kapoli Beach Co. Park	HI599968	C	Dry	NO_3+NO_2, NH_4, Turbidity	L
Kealia	HIW00224	C	Dry	NH_4, Turbidity	L
Kauaula Nearshore	HIW20012	C	Dry	NO_3+NO_2, NH_4, Turbidity	L
Keawakapu Beach	HI607763	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kihei Coast-Cove Park	HIW00167	C	Dry	TN, NO_3+NO_2, Turbidity, Chl *a*	L
Kihei Coast-Estuary Boat Ramp	HIW00166	C	Dry	TN, NO_3+NO_2, Turbidity	L
Kihei Coast-Kalepolepo	HIW00039	C	Dry	TN, NO_3+NO_2, Turbidity, Chl *a*	L
Kihei Coast-Keawakapu	HIW00074	C	Dry	NO_3+NO_2, Chl *a*	L
Kihei Coast-Kulanihakoi	HIW00043	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kihei Coast-Lipoa-South	HIW00072	C	Dry	Turbidity, Chl *a*	L
Kihei Coast-Luana Kai	HIW00041	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Kihei Coast-Maui Coast	HIW00073	C	Dry	NO_3+NO_2, Turbidity, Chl *a*	L
Kihei Coast-Mokulele	HIW00042	C	Dry	TN, NO_3+NO_2, NH_4,Turbidity, Chl *a*	L
Kihei Coast-near shore waters to 60' from Kihei North-Kalama Beach	HIW00056	C	Dry	TN, NO_3+NO_2, TP, Turbidity, TSS	L
Kihei Coast-South Kamaole II	HIW00071	C	Dry	NO_3+NO_2, Chl *a*	L
Lahaina Beach	HI407363	C	Dry	NO_3+NO_2, NH_4, Turbidity	L

Table 10. Maui Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Lahaina Harbor	HIW00137	B	Dry	Turbidity	L
Launiupoko Nearshore	HIW20014	C	Dry	TN, NH_4, Turbidity, Chl. *a*	L
Launiupoko St. Wayside Park	HI558359	C	Dry	NH_4, Turbidity	L
Lower Pa'ia (Pa'ia Outfall Station)	HI864937	C	Dry	Turbidity	L
Ma'alaea Beach	HI058731	B	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Ma'alaea Boat Harbor Station	HIW00082	B	Dry	TN, NO_3+NO_2, Turbidity, Chl *a*	L
Ma'alaea Small Boat Harbor	HIW00140	B	Dry	Turbidity, Chl a	L
Mai Poina Oe Iau Beach Co. Park	HIW00025	C	Dry	TN, NO_3+NO_2, NH_4,Turbidity	L
Mai Poina Oe Iau Beach Co. Park (Kihei N. Station)	HI715975	C	Dry	TP, Turbidity, Chl *a*	L
Makena Landing Beach	HI245556	C	Dry	TN, NO_3+NO_2, NH_4,Turbidity	L
Makena Landing-Malu'aka Beach	HIW00142	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Mala Wharf	HIW00171	C	Dry	Enterococci, TP, Turbidity, Chl *a*	L
Mala Wharf Area	HIW00138	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Mala Wharf-West Maui Coast	HIW00123	C	Dry	Turbidity, Chl *a*	L
Maliko Bay	HI423064	C	Dry	Enterococci, Turbidity	L
Maliko Nearshore	HIW20015	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Malu'aka Beach	HI847607	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity	L
Mokule'ia Beach	HI977299	C	Dry	NO_3+NO_2, NH_4, TP, Turbidity, Chl *a*	L
Mooloa Nearshore	HIW20016	C	Dry	NH_4, Turbidity	L
Napili Bay	HI764060	C	Dry	TN, NO_3+NO_2, NH_4,Turbidity, Chl *a*	L
Olowalu Nearshore	HIW20018	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Olowalu (Shorefront)	HIW00021	C	Dry	NH_4, Turbidity, Chl. *a*	L
Olowalu (Teen Challenge)	HI491359	C	Dry	NO_3+NO_2, NH_4, Turbidity	L
Oneloa Bay Beach	HI740710	C	Dry	Turbidity	L
Oneloa Beach (Big Beach) (Makena Beach Station)	HI279887	C	Dry	NH_4, Turbidity	L

Table 10. Maui Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Oneloa Beach (Big Beach)-Ahihi-Kinau	HIW00144	C	Dry	TN, NO_3+NO_2, NH_4, Chl *a*	L
Oneuli Beach	HI756040	C	Dry	NO_3+NO_2, NH_4, Chl *a,* Turbidity	L
Papalaua	HI462219	C	Dry	Turbidity	L
Papalaua Nearshore	HIW20019	C	Dry	Turbidity, Chl. *a*	L
Papalaua Pali	HIW00216	C	Dry	Turbidity	L
Poolenalena Beach	HI684864	C	Dry	NO_3+NO_2, Turbidity	L
Poolenalena-Makena Landing	HIW00143	C	Dry	TN, NO_3+NO_2, NH_4, Chl *a*	L
Palauea Beach Park	HI997014	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity	L
Pohakea Nearshore	HIW20020	B	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl. a	L
Pu'unoa Beach	HI373055	C	Dry	Turbidity	L
Spreckelsville	HI789952	C	Dry	Turbidity	L
Ukumehame Beach Co. Park	HI814309	C	Dry	Turbidity	L
Ukumehame Nearshore	HIW20021	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Ulua Beach Park	HI588333	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Waiakoa Nearshore	HIW20022	C	Dry	TN, NO_3+NO_2, NH_4, Tubidity, Chl.a	L
Wahikuli Nearshore	HIW20023	C	Wet	NO_3+NO_2, NH_4, Turbidity, Chl. *a*	L
Wahikuli State Wayside Park	HI169380	C	Dry	NO_3+NO_2, Turbidity, Chl *a*	L
Waiehu Beach Co. Park	HI916183	C	Wet	Turbidity	L
Waiehu Nearshore	HIW20024	C	Wet	Turbidity, Chl. *a*	L
Waikapu Nearshore	HIW20026	C	Dry	NH_4, Turbidity	L
Wailea Beach Park	HI278988	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Wailea Nearshore	HIW20027	C	Dry	TN, NO_3+NO_2, NH_4, TP, Turbidity, Chl. *a*	L
Waipuilani	HI284036	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity	L
West Maui Coast-Honokeana Cove	HIW00044	C	Dry	TN, NO_3+NO_2, Turbidity, Chl *a*	L
West Maui Coast-Kahana Cove	HIW00045	C	Dry	TN, NO_3+NO_2, Turbidity, Chl *a*	L
West Maui Coast-Kahana Sunset	HIW00075	C	Dry	NO_3+NO_2, Turbidity, Chl *a*	L
West Maui Coast-Kahana Village	HIW00076	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L

Table 10. Maui Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
West Maui Coast-Kaopala Bay	HIW00046	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
West Maui Coast-Lokelani	HIW00077	C	Dry	NO_3+NO_2, Turbidity, Chl *a*	L
West Maui Coast-Napili Bay	HIW00078	C	Dry	NO_3+NO_2,Turbidity, Chl *a*	L
West Maui Coast-near shore waters to 60' from Honolua-Lahaina	HIW00060	C	Dry	TN, NO_3+NO_2, TP, Turbidity, TSS	L
West Maui Coast-S-Turns (Pohaku)	HIW00047	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
West Maui-Papakea	HIW00079	C	Dry	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
West Maui-Puamana	HIW00080	C	Dry	Turbidity, Chl *a*	L
Total Number of Maui Marine Waters Listed for At Least One Impairment				**113**	

Table 11. Hawaii Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
2nd Beach (next to Mahaiula)	HI616452	K	NA	Turbidity	L
Anaehoomalu Bay	HI326172	K	NA	Turbidity, Chl. *a*	L
Ahalanui Pond (Puala'a)	HI707059	C	Dry	Turbidity	L
Banyan's Surfing Area	HI713314	K	NA	Turbidity	L
Hapuna Beach St. Recreation Area	HI621002	K	NA	TN, NO_3+NO_2, NH_4, TP, Turbidity, Chl *a*	L
Hilo Bay (Boat Landing)	HIW00027	B	Wet	Turbidity, Chl *a*	M
Hilo Bay (Canoe Beach)	HI315019	B	Wet	TN, NO_3+NO_2, TP, Turbidity, Chl *a*	M
Hilo Bay (Coconut Isle)	HI977673	B	Wet	Turbidity	M
Hilo Bay (Exit of Ice Pond)	HI659453	B	Wet	TN, NO_3+NO_2, TP	M
Hilo Bay (Lighthouse)	HIW00028	B	Wet	Enterococci, NO_3+NO_2, NH_4, TP, Turbidity	M
Hilo Bay (Offshore)	HIW00031	B	Wet	NO_3+NO_2, NH_4, Turbidity, Chl *a*	L
Hilo Bay-inshore of breakwater and near shore waters from Wainaku to Paukaa	HIW00098	B	Wet	TN, NO_3+NO_2, TP, Turbidity	L
Holoholokai	HI582331	K	NA	Turbidity	L
Honaunau Bay (2 Step)	HI246645	K	NA	Turbidity	L
Honokohau Beach	HI315174	K	NA	TN, NO_3+NO_2, NH_4, TP, Turbidity, PO_4	L
Honokohau Nearshore Kona	HIW40003	K	NA	Turbidity	L
Honoli'i Beach Co. Park	HI857411	C	Wet	TN, Turbidity, Chl *a*	M
Ho’okena	HI152572	C	Wet	Turbidity	L
James Kealoha Park	HI670254	C	Wet	TN, TP, Turbidity, Chl. *a*	M
Kahalu'u Beach Co. Park	HI013290	K	NA	Turbidity, Chl. *a*	L
Kahoiawa Bay	HIW00150	K	NA	TN, Turbidity	L
Kahoiawa Bay-Makalawena	HIW00151	K	NA	TN, Turbidity	L
Kahuwai Bay	HI990843	K	NA	Turbidity	L
Kahuwai Bay-Mano Point	HIW00153	K	NA	NO_3+NO_2, Turbidity	L
Kailua Bay	HI753566	K	NA	Turbidity	L
Kakapa Bay	HIW00152	K	NA	TN, Turbidity	L
Kamakaokahonu	HIW00032	K	NA	Turbidity, Chl. *a*	L

Table 11. Hawaii Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Kamakaokahonu (Kailua Pier A-1)	HI261474	K	NA	TP, Turbidity, Chl. *a*	L
Kamakoa Nearshore	HIW40005	K	NA	Turbidity, Chl. *a*	L
Kamilo Beach	HIW00222	C	Dry	Trash	L
Kapoho Bay	HI391407	C	Dry	Turbidity	L
Kapoho Tidepools (Vacationland)	HI122881	C	Dry	Turbidity	L
Kauilii Point-Kapaa Beach Park	HIW00201	C	Dry	TN, NO_3+NO_2, NH_4, Chl *a*	L
Kauilii Point-Kapaa Beach Park (Oceanic)	HIW00202	O	NA	TN, TP, Turbidity, Chl *a*	L
Kauna'oa Beach	HI261869	K	NA	Turbidity	L
Ka'upulehu	HI770607	K	NA	NO_3+NO_2, Turbidity, PO_4	L
Kawaihae Harbor	HI978783	B	Dry	Turbidity	L
Kawaihae Harbor/Pelekane Bay	HIW00155	B	Dry	Turbidity	L
Kawaihae Nearshore Embayment	HIW40006	B	Dry	Turbidity	L
Keahole Nearshore	HIW40007	K	NA	NO_3+NO_2, Turbidity	L
Kealakekua Bay	HIW00149	K	NA	TN, NO_3+NO_2, NH_4, TP, Turbidity, PO_4	L
Kealakekua Bay (off Curio Stand)	HIW00183	K	NA	Turbidity	L
Kealakekua Nearshore	HIW40009	K	NA	TN, NO_3+NO_2, NH_4, TP, Turbidity, PO_4	L
Keauhou Bay (Kona)	HI713293	***K***	***NA***	Turbidity	L
Kiholo Nearshore	HIW40010	K	NA	TN, NO_3+NO_2, Turbidity, PO_4	L
Kiilea Nearshore Kona	HIW40013	K	NA	Turbidity	L
Kiilea Nearshore Coastal	HIW40012	K	NA	Turbidity	L
Kolekole Beach Co. Park	HI693485	C	Wet	Turbidity	L
Kona Dog Beach	HIW00226	K	NA	Turbidity	L
Kuki'o Bay	HIW00154	K	NA	TN, NO_3+NO_2, TP, Turbidity, PO_4	L
Leleiwi Beach Co. Park Coastal	HIW00220	C	Wet	TN, TP, Turbidity, Chl *a*	M
Mahukona Harbor	HIW00197	C	Dry	TN, NO_3+NO_2, NH_4, Turbidity, Chl *a*	L

Table 11. Hawaii Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Mahukona Harbor (Oceanic)	HIW00198	O	NA	TN, TP, NH_4, Turbidity, Chl *a*	L
Maili Nearshore	HIW40016	C	Wet	TN, Turbidity, Chl. *a*	L
Makaohule Point-Kauilii Point	HIW00199	C	Dry	TN, NO_3+NO_2, NH_4, Chl. a	L
Makaohule Point-Kauilii Point (Oceanic)	HIW00200	O	NA	TN, TP, Turbidity, Chl a	L
Manini'owali	HI720408	K	NA	NH_4, Turbidity	L
Mauna Lani (Kalahuipua'a)	HI890924	K	NA	Turbidity	L
Miloli'i Beach	HI470112	C	Dry	Turbidity	L
Old Kona Airport St. Recreation Area	HI256093	K	NA	Turbidity	L
Onekahakaha Beach Co. Park	HI862286	C	Wet	TN, Turbidity, Chl. *a*	M
Onekahakaha Beach Co. Park (Puhi Bay #3)	HIW00029	C	Wet	Turbidity, Chl *a*	M
Paaoao Point to Keawekaheka Point	HIW00145	K	NA	Turbidity	L
Pelekane Bay	HI738158	K	NA	TN, NO_3+NO_2, NH_4, TP, Turbidity, Chl *a*	L
Pine Trees	HI320616	K	NA	TN, NO_3+NO_2, NH_4, TP, Turbidity, Chl. a, PO_4	L
Pine Trees-Honokohau	HIW00146	K	NA	NO_3+NO_2, NH_4, Turbidity, PO_4	L
Pohakuloa Nearshore	HIW40018	K	NA	TN, NO_3+NO_2, NH_4, TP, Turbidity, Chl. a, PO_4	L
Pohoiki Beach	HI316864	C	Dry	Turbidity	L
Puako	HI668132	K	NA	Turbidity, Chl. *a*	L
Puako Bay	HIW00033	K	NA	Turbidity	L
Puhi Bay	HIW00206	C	Wet	Chl. *a*	L
Spencer Beach Co. Park	HI936372	K	NA	Turbidity, Chl *a*	L
Waiaha Nearshore	HIW40021	K	NA	NO_3+NO_2, NH_4, Turbidity, Chl. *a*, PO_4	L
Waikoloa Nearshore	HIW40022	K	NA	Turbidity	L
Waiola Nearshore Embayment	HIW40024	B	Wet	TN, TP, Turbidity, Chl. *a*	L

Table 11. Hawaii Marine Listed Waters					
Assessed Water Body	**Water Body ID**	**Water Body Type**	**Wet/Dry Criteria**	**Impairment(s)**	**TMDL Priority**
Waiola Nearshore Coastal	HIW40025	C	Wet	TN, NO_3+NO_2, NH_4, TP, Turbidity, Chl. *a*	L
Waiulaula	HI934020	K	NA	TN, NO_3+NO_2, NH_4, TP, Turbidity, Chl *a*	L
Waiulua Bay to Anaehoomalu Bay	HIW00148	K	NA	TN, NO_3+NO_2, NH_4, TP, Turbidity, Chl. *a,* PO_4	L
Wawaloli Beach	HI643938	K	NA	NO_3+NO_2, Turbidity	L
Wawaloli Beach-Pine Trees	HIW00147	K	NA	Turbidity	L
White Sands Beach Co. Park (Magic Sands)	HI436267	K	NA	Turbidity, Chl *a*	L
Total Number of Hawaii Marine Waters Listed for At Least One Impairment				**81**	

APPENDIX D: Hawaii State Department of Health Clean Water Branch Total Maximum Daily Load (TMDL) Prioritization Framework

April 8, 2024

Clean water branch priority goals.

The mission of the Clean Water Branch (CWB) is to protect the public health of residents and tourists who recreate in and on Hawaii's coastal and inland water resources, and to also protect and restore inland and coastal waters for marine life and wildlife. This mission is accomplished through statewide coastal water surveillance and watershed-based environmental management through a combination of permit issuance, monitoring, enforcement, polluted runoff control projects, and public education.

CWB intends to focus on nutrient TMDLs during the next vision period. CWB's TMDLs need to be implemented and effective, therefore areas where WLAs and LAs have some degree of enforcement, either through permit limits or polluted runoff control plans, will be prioritized. TMDL priorities will also focus on communities that have historically experienced greater exposure to environmental burdens than the general population, as well as communities that are more likely to practice subsistence fishing. Lastly, CWB wishes to prioritize the State's most valuable ecosystems so they can withstand the impacts of climate change.

The PRIORITIZATION Process

As part of the Integrated Report (IR) development, all impaired waterbodies need to be given a priority ranking. This document describes CWB's methodology for sorting through the list of impaired waters (the 303(d) list) and selecting which waterbodies CWB will develop TMDLs for within the two years following an IR release. The methodology described here is just one factor in selecting waterbodies for TMDL development. Factors like data availability, accessibility, stakeholder involvement, and best professional judgment also play a role when finalizing priority decisions. This is a living a document and is subject to change. It should be noted that this process describes how *future* TMDL priority rankings are to be established and does not apply to the priority rankings in the 2024 or previous IRs. This methodology, or a variation of it, will be implemented in 2026.

CWB assigns each impaired waterbody a ranking of either "high", "medium", or "low". A "high" priority ranking indicates a TMDL is currently in progress for the waterbody, or one will be started within the two years following the IR release. A "medium" priority ranking signifies a waterbody that is being considered for a TMDL in the next IR cycle. CWB does not have plans to begin work on a TMDL for these waterbodies within the next two years, but may begin work within the following 4 years, given there are no significant changes during that time. "Low" priority waterbodies are waterbodies that are not being considered for TMDLs within the 4 years following an IR release. These waterbodies may be considered for TMDLs in later IR cycles.

High priority waterbodies are selected by identifying high priority watersheds using the Recovery Potential Screening Tool (RPS). RPS is a tool developed by the Environmental Protection Agency (EPA) to help states create a "prioritized schedule" for waters needing TMDLs. It uses a systematic, comparative method for identifying differences among watersheds that may affect their relative likelihood to be successfully restored. This approach involves identifying a group of watersheds to be compared and a specific purpose for the comparison, selecting appropriate indicators in three categories (Ecological, Stressor, Social), calculating index

values for the watersheds, examining the analysis, and applying the results as part of the strategic planning and prioritization.

The RPS Tool is a custom-coded Excel spreadsheet that preforms all RPS index calculations and generates RPS outputs as rank-ordered tables, maps, and bubble plots.

For more information, please read the fact sheet provided by EPA: Recovery Potential Screening Fact Sheet (epa.gov)

RPS was chosen because it allows for multi axis analysis such that CWB can compare watersheds on multiple levels, not just one. Watersheds are compared on three different indexes (Ecological, Stressor, and Social). This framework outlines the methodology for prioritizing waterbodies on the 303(d) list for TMDL projects specifically. There are other types of plans that also lead to waterbody restoration, like Watershed Based Plans. However, this document only applies to TMDL plans, as other plans and programs have their own selection framework.

The 3 indexes

Ecological

Traditionally, the ecological index is used to measure resilience to maintain or reestablish natural structure and processes. Thus, it is considered a positive indicator and a higher index value will relate to a higher "recovery potential". While these things are important, they are not beneficial to CWB's prioritization framework. Because TMDLs are mostly implemented through NPDES permit limits, areas with high NPDES permits are CWB's main focus for TMDL prioritizations. Areas with many NPDES permits tend to be areas of high urbanization, thus some of the traditional ecological indicators, like %forest cover, are not applicable to CWB's goals. Thus, the Ecological Indicator has been shifted to Ecological Importance Indicator. This indicator will now identify watersheds that contain areas of ecological importance. Indicators for this index are listed below.

RPS Ecological Importance Indicators

Indicator Name	**Description**	**Reasoning for inclusion**
% Coral Coverage in Watershed Assessment Unit	Percent of the Watershed DU with Major Biological Cover classified as "Coral". Data accessed from Benthic Habitat GIS Layer (Benthic Habitat | Benthic Habitat | Hawaii Statewide GIS Program). Data source: NOAA National Centers for Coastal Science.	Coral reefs are high value ecosystems. They are biologically diverse and economically valuable. Watersheds with more coral cover should be prioritized over watersheds with low coral cover.
%Wetlands in Watershed	Percent of the watershed classified as wetland cover by the 2010 C-CAP Land Cover dataset. Wetland cover includes 'Palustrine Forested Wetland' (code 13), 'Palustrine Scrub Shrub Wetland' (code 14), 'Palustrine Emergent Wetland' (code 15), 'Estuarine Forested Wetland' code (16), 'Estuarine Scrub Shrub Wetland' (code 17), and 'Estuarine Emergent Wetland' (code 18) in the 2010 C-CAP Land Cover dataset. Calculated as wetland area divided by watershed area, multiplied by 100.	Wetlands are a high value ecosystem. They play a key role in mitigating climate change impacts and are habitats for 3 endangered waterfowl.

Indicator Name	Description	Reasoning for inclusion
Marine Water Quality Classification	Marine waters are classified as either AA or A. A GIS map of the marine water quality classification (Water Quality Classification | Water Quality Classification | Hawaii Statewide GIS Program) was overlayed with a map of the marine Watershed Decision Units. Watershed DUs with Class AA are noted as AA and likewise for Watershed DUs with Class A waters. Where both water classes are found inside a DU, Class AA was chosen.	Class AA waters should remain in their natural pristine state as nearly as possible. If a Class AA water is impaired, it should take higher priority over a Class A water.
Predicted Reef Health Index Score	The mean Predicted Reef Health Index (RHI) score for the watershed. Predicted RHI scores are derived from statistical modeling of coral distribution and abundance based on environmental and fishing pressure data. Higher values correspond to greater potential for healthy coral reefs to be present offshore of the watershed. Source data was a geospatial dataset of watershed health and vulnerability metrics created by the Hawaii Institute of Marine Biology at the University of Hawaii at Manoa (February 2018 version), received via personal communication with EPA Region 9 staff in March 2018. The data used to build the index was collected between 2000 and 2015. The scores were originally summarized by CWRM watershed. HUC12 scores were calculated by area-weighting the Hawaii CWRM watershed scores for each HUC12. (See also CWRM Watersheds and WBD Snapshot, EnviroAtlas Version glossary definitions).	Coral reefs are high value ecosystems. They are biologically diverse and economically valuable. A high value will indicate a healthy reef that will need to be protected. Conversely, a low score could indicate reef that could benefit from restoration.

Indicator Name	Description	Reasoning for inclusion
Watershed Health Index Score	The mean Watershed Health Index score for the watershed. Higher values correspond to greater extent of land cover to support healthy coral reefs. Source data was a geospatial dataset of watershed health and vulnerability metrics created by the Hawaii Institute of Marine Biology at the University of Hawaii at Manoa (February 2018 version), received via personal communication with EPA Region 9 staff in March 2018. The data used to build the index was collected between 2000 and 2015. The scores were originally summarized by CWRM watershed. HUC12 scores were calculated by area-weighting the Hawaii CWRM watershed scores for each HUC12. (See also CWRM Watersheds and WBD Snapshot, EnviroAtlas Version glossary definitions).	Coral reefs are high value ecosystems. They are biologically diverse and economically valuable. A high value will indicate a healthy reef that will need to be protected. Conversely, a low score could indicate reef that could benefit from restoration.

Stressor

The stressor indicators measure the extent of anthropogenic sources of impaired water quality. Traditionally, the stressor indicator is used as a "negative" index, meaning when the stressor index is high, the waterbody may be less likely to "recover". However, this use of the stressor index does not align with CWB's TMDL goals, as CWB wants to address the larger impairments in our islands. Stressor indicators are chosen based on their ability to be regulated against and their potential pollutant impact on a waterbody.

Stressor Indicators

Indicator Name	Description	Reasoning for inclusion
% 11-56 Agriculture Land in Watershed	Percentage of the watershed that is agricultural land that may be included in the 11-56 NPS registry. Data source: Agricultural Land Use – 2020 Update Hawaii Statewide GIS Program, selecting for polygons with a listed acreage of 1000 acres or more.	Since 11-56 was passed, the HDOH now has more ability to enforce pollutant limits on some non-point sources of pollution. Places where WLA and LAs are enforceable should prioritized.

Indicator Name	Description	Reasoning for inclusion
% 11-56 Forestry Land in Watershed	Percentage of the watershed that is Forestry land that may be included in the 11-56 NPS registry. Data source: Agricultural Land Use – 2020 Update Hawaii Statewide GIS Program, selecting for polygons with a listed acreage of 5 acres or more and a crop category of "Commercial Forestry"	Since 11-56 was passed, the HDOH now has more ability to enforce pollutant limits on some non-point sources of pollution. Places where WLA and LAs are enforceable should prioritized.
% Urban in Watershed	Percent of the watershed classified as urban cover by the 2010 C-CAP Land Cover dataset. Urban cover includes 'Impervious Surface' (code 2) and 'Developed Open Space' (code 5) in the 2010 C-CAP Land Cover dataset. Calculated as urban area divided by watershed area, multiplied by 100. (See also 2010 C-CAP Land Cover glossary definition).	A large percentage of urban cover can be used to indicate a possible MS4 permit in the area. An MS4 is a vehicle to enforce future WLAs, thus aligns with CWB priority goals of TMDLs that are enforceable. Watersheds with a high percentage of urban area should be prioritized over areas that are not regulated by permits or runoff control plans.
Count of 11-56 Marinas in Watershed	Count of marinas in the watershed that may be included in the 11-56 NPS registry. Data source: Small Boat Harbors/ Ramps Hawaii Statewide GIS Program, omitting harbors listed as abandoned and harbors with the number of berths or moorings was less than 10.	Since 11-56 was passed, the HDOH now has more ability to enforce pollutant limits on some non-point sources of pollution. Places where WLA and LAs are enforceable should prioritized.
Count of Impaired Nutrient Parameters	Count of each nutrient parameter assessed to be impaired within a Watershed Assessment Unit. Source data were HDOH IR provided by CWB staff.	TMDLs project take significant time and resources to complete. These are not always scalable with the number of nutrient parameters since many of the parameters are interconnected. To be efficient with CWB resources, it is better to prioritize projects with many impairments over few.

Indicator Name	Description	Reasoning for inclusion
Density of All Roads in Watershed	Density of all roads in the watershed (kilometer per square kilometer). Source data were the 2017 TIGER/Line All Roads County-Based Shapefiles for Hawaii from the US Census Bureau (https://www.census.gov/cgi-bin/geo/shapefiles; downloaded March 2018). Includes roads with MTFCC code equal to S1100 (primary road), S1200 (secondary road), S1400 (local road), S1500 (vehicular trail), S1630 (ramp), S1640 (service drive), S1730 (alley), S1740 (private road), S1750 (internal use), or S1780 (parking lot road) in the 2017 TIGER/Line All Roads County-Based Shapefiles for Hawaii. Features with MTFCC code equal to S1710 (walkway) and S1720 (stairway) were classified as non-road features and not counted. Calculated as the total length of all roads in the watershed divided by the watershed area, multiplied by 100.	A high density of roads could indicate a potential MS4 permit in the area. An MS4 is a vehicle to enforce future WLAs, thus aligns with CWB priority goals of TMDLs that are enforceable. Watersheds with a higher density of roads should be prioritized over areas that are not regulated by permits or runoff control plans.

Indicator Name	Description	Reasoning for inclusion
NPDES Permit Count in WS	Count of NPDES permits in the watershed. National Pollutant Discharge Elimination System (NPDES) permits are issued to regulate discharge of pollutants into surface waters. Wastewater treatment plants, factories, and other point sources of discharge into surface waters are regulated by the National Pollutant Discharge Elimination System (NPDES). The number of NPDES permits issued in a watershed is an indicator of the presence and complexity of point source pollutant discharge. While NPDES permit counts may be related to the magnitude of point source pollutant loading, higher permit counts often do not correspond to higher pollutant loads. For example, a watershed may contain a single, large NPDES permitted wastewater treatment facility that discharges higher pollutant loads than the combined total of several smaller NPDES permitted facilities located in another watershed. Source data was a map layer of NPDES permits within EPA's Facility Registry Service (July 2019 version; downloaded from ftp://newftp.epa.gov/epadatacommons/OEI/FRS/FRS_Interests_Download.zip). Only permits that had Permit Status Description equal to "Admin Continued", "Effective", or "Expired" were included; permits with Permit Status Description equal to "Terminated", "Pending", "Not Needed", or "Null" were not counted. Duplicate permits were addressed by removing duplicate combinations of Registry ID and Source ID.	NPDES are one of the main vehicles of TMDL implementation. Focus should be on watersheds with NPDES permits. However, like the description notes, count of NPDES permits does not account for pollutant load coming from point sources.

Indicator Name	Description	Reasoning for inclusion
WWTP Count in WS	Count of wastewater treatment plants (WWTP) in the watershed. Source data was a map layer of WWTPs within EPA's Facility Registry Service (January 2020 version; downloaded from https://edg.epa.gov/data/PUBLIC/OEI/OIC/FRS_Wastewater.zip). Only WWTPs that had Permit Status Description equal to "Admin Continued", "Effective", or "Expired" were included; permits with Permit Status Description equal to "Terminated", "Pending", "Not Needed", or "Null" were not counted.	Watersheds with WWTPS should be prioritized because WWTP can be a major source of nutrient pollution and a WLA would be enforceable through an NPDES permits.

Social

Social indicators measure relevant community, regulatory, economic, or behavioral factors. CWB is using this index to identify watersheds with areas of high community and/or cultural value, as well as Environmental Justice areas.

Social indicators

Indicator Name	Description	Reasoning for inclusion
% of WS Hawaiian Homelands	Percent of watershed that is owned by the Department of Hawaiian Homelands as identified by the U.S. Census Bureau (September 2021). Accessed through Hawaii GIS Program (2020 Census Hawaiian Homelands | Hawaii Statewide GIS Program).	The Native Hawaiian community has been disproportionately impacted by environmental and social injustices as result of colonization. From a CWB sampler observation: this community still practices aspects of a subsistence lifestyle more than other communities.

Indicator Name	Description	Reasoning for inclusion
EJ Low-income Percentile	This methodology uses data from EPA's EJ Screening tool on the block group scale and ArcGIS's Summarize Within Tool to estimate the low income and total populations within each watershed. Low-income percent and percentiles are then calculated for each watershed. EJ Screening Tool data was chosen as it regularly updated and maintained by EPA, as well as being accessible in shapefile format.	Low income and people of color populations often experience greater exposure to environmental burdens than the general population as whole. Many studies have established that sources of environmental hazards are often located and concentrated in areas that are dominated by low income and people of color populations. In order to address this unfair burden on low-income communities, watersheds with the greatest percent of low-income communities should be given higher priority.
Percent Protected Lands in Watershed	Percent of the watershed that is a protected terrestrial natural area. Source data were the USGS Gap Analysis Program Protected Areas Database (PAD) of the United States Version 1.4 geospatial map layer (http://gapanalysis.usgs.gov/padus) and the Hawaii Division of Forestry and Wildlife Reserves map layer (July 2015 version; http://files.hawaii.gov/dbedt/op/gis/data/reserves.html). Since this indicator focuses on terrestrial areas, offshore and marine protected areas were removed from the PAD before calculating protected land percentages. Equation used: Protected Land Area / Watershed Area * 100.	Protected lands are areas dedicated to the preservation of biological diversity, recreational, and cultural uses. Watersheds with these high value areas should be a high priority to restore/ protect.

Indicator Name	Description	Reasoning for inclusion
Presence/ Absence Marine Protected Areas	Presence/absence of Marine Protected Areas (MPA) in the watershed (1 = presence; 0 = absence). Source data was the USGS Gap Analysis Program Protected Areas Database (PAD) of the United States Version 1.4 geospatial map layer for Marine Protected Areas (http://gapanalysis.usgs.gov/padus). The MPA Inventory is a comprehensive catalog that provides detailed information for existing marine protected areas in the United States. The inventory provides geospatial boundary information (in polygon format) and classification attributes that seek to define the conservation objectives, protection level, governance, and related management criteria for all sites in the database.	Protected lands are areas dedicated to the preservation of biological diversity, recreational, and cultural uses. Watersheds with these high value areas should be a high priority to restore/ protect.

Summary of all indicators

The following is a list of all the indicators to be considered and their respective index.

Indicator Name	**Index**
% Coral Coverage in Watershed Assessment Unit	Ecological
%Wetlands in Watershed	Ecological
Marine Water Quality Classification	Ecological
Predicted Reef Health Index Score	Ecological
Watershed Health Index Score	Ecological
% 11-56 Agriculture Land in Watershed	Stressor
% 11-56 Forestry Land in Watershed	Stressor
% Urban in Watershed	Stressor
Count of 11-56 Marinas in Watershed	Stressor
Count of Impaired Nutrient Parameters	Stressor
Density of All Roads in Watershed	Stressor
NPDES Permit Count in WS	Stressor
WWTP Count in WS	Stressor
% of WS Hawaiian Homelands	Social
EJ Low-income Percentile	Social
Percent Protected Lands in Watershed	Social
Presence/ Absence Marine Protected Areas	Social

Other criteria

No watershed with a completed Watershed Based Plan should be prioritized. While a Watershed Based Plan is different from a TMDL, they both work to restore water quality. HDOH CWB has limited resources and while Watershed Based Plans and TMDLs can work together, it is not an effective use of HDOH CWB's resources to complete a TMDL where there is already a plan to restore water quality.