# 2014 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 Department of Health
Honolulu, Hawaii
March 2014
Draft

# EXECUTIVE SUMMARY

The Hawaii State Department of Health (HIDOH) is required 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 meet state water quality standards (WQS), plus a priority ranking of listed waters for Total Maximum Daily Loads (TMDL) development based on the severity of pollution and the uses of the waters.

The 2014 Integrated Report (IR) encompasses previous results from the 2012 IR and documents changes based on new data valuation. New assessments are based on data collected from November 1, 2011 to October 31, 2013. This report is taking a different approach from previous reports by focusing on the current status of water bodies, based on a two year assessment period.

The goal of this report is to highlight water body improvements and new impairments from a pollutant standpoint. This is a first step in creating a more integrated, comprehensive assessment methodology. In addition, future monitoring efforts will focus on collecting data for watershed scale assessments, allowing for a more seamless integration of water body types and surrounding land use.

Approximately 575 marine water body segments have been established statewide. Based on newly available water quality data 157 (27%) water body segments were assessed in this report. Of the 157 segments assessed, 133 (85%) do not meet WQS for at least one or more conventional pollutants. Across the state turbidity standards were exceeded most frequently (86%), followed by nutrients (43%). Conversely, attainment of recreational health criteria was observed in 90% of bacterial assessments, which remains consistent with the 2012 IR assessments.

The most common pollutant to trigger a marine §303(d) listing is turbidity resulting in 117 impairments. Turbidity is the sole cause of impairment in 40 of those 117 exceedences (34%). This was an increase from the 2012 IR assessments where 32% did not attain for turbidity.

Although nutrients were the second most common pollutant to initiate an impairment over half (57%) of the assessments resulted in attainment of WQS. Similar to nutrients, chlorophyll *a* showed an improvement in attainment of WQS (67%) from the previous assessment period (47%).

Measureable water quality improvements were observed in four marine water bodies on Oahu; Ewa Beach, Ocean Pointe C, Pokai Bay and Sandy Beach, resulting in a delisting for each water body. Ewa Beach and Pokai Bay showed state standards were attained for all recreational, nutrient and biogeochemical parameters. Ocean Pointe C attained state WQS for all nutrient and biogeochemical parameters. All (conventional pollutants) nutrients and turbidity attained state standards for Sandy Beach.

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Two inland (stream) water body segments were assessed for this report. Available data for Hanalei stream (Kauai) was compared to dry season criteria while Heeia stream (Oahu) was assessed for dry and wet season criteria.

Hanalei stream attains dry season WQS for total nitrogen (TN), $NO_3$+$NO_2$ and total suspended solids (TSS), but exceeds standards for bacteria. Total phosphorus is a new pollutant not meeting state water quality standards. A measurable improvement is observed for turbidity resulting in a delisting for this parameter for Hanalei stream.

Heeia stream currently attains dry season criteria for TN, resulting in a delisting for this pollutant. Water quality standards continue to attain for turbidity and TSS; however $NO_3$+$NO_2$ still exceeds standards. Wet season criteria for Heeia stream remains impaired for $NO_3$+$NO_2$. Total nitrogen and TSS indicate current attainment of water quality standards. Total phosphorus did not meet state water quality standards and is listed as a new pollutant.

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# LIST OF ABBREVIATIONS

| | |
|---|---|
| **§** | Section |
| **ADU** | Attainment Decision Unit |
| **BEACH** | Beaches Environmental Assessment and Coastal Health |
| **CCH** | City and County of Honolulu |
| **CCME** | Canadian Council of Ministers of the Environment |
| **CFU** | Colony Forming Units |
| **Ch.** | Chapter |
| **CWA** | Clean Water Act |
| **CWB** | Clean Water Branch |
| **CWRM** | Commission on Water Resources Management |
| **DMR** | Discharge Monitoring Report |
| **EAC** | Environmental Assessment Company |
| **EHASB** | Environmental Health Analytical Services Branch |
| **EPA** | Environmental Protection Agency |
| **GM** | Geometric Mean |
| **GPS** | Global Positioning System |
| **HAR** | Hawaii Administrative Rules |
| **HAS** | Hawaii Stream Assessment |
| **HIDOH** | Hawaii Department of Health |
| **HSA** | Hawaii Stream Assessment |
| **HUC-12** | 12-Unit Hydrologic Unit Codes |
| **IR** | Integrated Report |
| **MCS** | Microbiology Consulting Services, LLC |
| **MRC** | Marine Research Consultants, Inc |
| **NCCA** | National Coastal Condition Assessment |
| **NELHA** | Natural Energy Laboratory of Hawaii Authority |
| **NPDES** | National Pollutant Discharge Elimination System |
| **NYSDEC** | New York State Department of Environmental Conservation |
| **PCBs** | Polychlorinated Biphenyls |
| **pH** | Power of Hydrogen |
| **ppt** | Parts Per Thousand |
| **QAPP** | Quality Assurance Project Plan |
| **QA/QC** | Quality Assurance Quality Control |
| **STORET** | STOrage and RETrieval |
| **TMDL** | Total Maximum Daily Loads |
| **TN** | Total Nitrogen |
| **TP** | Total Phosphorus |
| **TSS** | Total Suspended Solids |
| **USACE** | United States Army Corps of Engineers |
| **USGS** | United States Geological Survey |
| **WQ** | Water Quality |
| **WQC** | Water Quality Certification |
| **WQS** | Water Quality Standards |

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## INTRODUCTION

The 2014 Integrated Report (IR) is intended to satisfy the requirements for State reporting pursuant to Clean Water Act (CWA) §303(d) and §305(b). The CWA requires states to provide an assessment every two years of the quality of all their waters (§305(b)) and a list of those waters that are impaired or threatened (§303(d)). The 2014 IR describes the methodology, results and data sets used to develop the §303(d) list and §305(b) report.

The §305(b) report is the National Water Quality Inventory Report to Congress. This report in conjunction with the U.S. Environmental Protection Agency's (EPA) water quality reporting database serves as "the primary vehicles for informing Congress and the public about general water quality conditions in the United States. Together this document and database characterize our water quality and identify widespread water quality problems of national significance" (U.S. EPA National Water Quality Inventory Report to Congress 2013). The EPA recommends that states sort their surface waters into five categories according to the 2006 IR Guidance (U.S. EPA Watershed Branch 2005):

**Category 1:** All designated uses are supported, no use is threatened;
**Category 2:** Available data and/or information indicate that some, but not all of 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.

States are required to obtain and review all existing and readily available surface water quality data and related information to compare against the state's water quality standards. Water bodies that attain state water quality standards are classified in either Category 1 or 2. Water bodies that do not meet state water quality standards are classified in 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 water quality standards, even after the application of technology-based effluent limitations. The time frame for establishing TMDLs should be 8 to 13 years from the date of the original listing. Water bodies that have an approved TMDL are listed in Category 4a. Previously impaired water bodies (Category 5) that now meet standards are "delisted" and reclassified into either Category 1 or 2.

Hawaii's 2014 IR provides the assessment results for data collected between November 2011 and October 2013 to maintain consistency with the required two year reporting cycle. Changes to the

marine water body assessments are described in Chapter 1. Chapter 2 provides a description of the inland freshwater assessments. The current status of assessed state water bodies (§305(b)) and listing of impaired waters (§303(d)) are described in Chapter 3.

## PART A. BACKGROUND

### A.1. Total Waters

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. Additionally, the state's economy is largely dependent on the quality of its shorelines and beaches, which provide year round recreational activities. Therefore, it is imperative to conduct monitoring on a year round basis.

### A.2. Water Pollution Control Program

The HIDOH, Clean Water Branch (CWB) is the state agency responsible for protecting and restoring both coastal and inland water resources. The CWB's mission is to 1) protect the public health of residents and tourists who recreate in and on Hawaii's coastal and inland water resources, and 2) protect and restore coastal and inland waters for marine life and wildlife.

The CWB strives to meet these objectives by implementing delegated programs in support of the CWA. The CWA components addressed within the CWB include Water Quality Standards (WQS), Enforcement and Compliance, National Pollutant Discharge Elimination System (NPDES) permit, Water Quality Certification (WQC), surface water quality monitoring and assessment, TMDLs and Polluted Runoff Control. These programs are designed to work in close association to ensure that Hawaii's water resources are protected and restored. More information on the responsibilities and organizational structure of the CWB can be found in the HIDOH CWB Quality Assurance Program Plan and on the CWB website (http://health.hawaii.gov/cwb/).

State waters are monitored for bacterial indicators, nutrients and biogeochemical parameters to determine overall recreational and ecosystem health. Most of the monitoring efforts are currently focused on coastal areas with limited inland water monitoring. A majority of the data assessed in the IR comes from routine beach monitoring conducted by the CWB, receiving water quality data from permitted facilities via discharge monitoring reports (DMRs), private contractors, and community assisted monitoring groups.

#### A.2.1. Hawaii Water Quality Standards

Hawaii's WQS describe the goals for different types of water bodies throughout the state. The WQS describe the appropriate uses for each water body, specify the criteria necessary to protect the designated uses, and set guidelines to protect and maintain water quality (antidegradation policy).

The Hawaii State WQS, described in Hawaii Administrative Rules, Title 11, Chapter (Ch.) 54, Section 1.1 (HAR §11-54-1.1), defines a general policy of water quality antidegradation for all water types as follows:

(a) Existing uses and the level of water quality necessary to protect the existing uses shall be maintained and protected.
(b) Where the quality of the waters exceed levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water, that quality shall be maintained and protected unless the director finds, after full satisfaction of the intergovernmental coordination and public participation provisions of the state's continuing planning process, that allowing lower water quality is necessary to accommodate important economic or social development in the area in which the waters are located. In allowing such degradation on lower water quality, the director shall assure water quality adequate to protect existing uses fully. Further, the director shall assure that there shall be achieved the highest statutory and regulatory requirements for all new and existing point sources and all cost-effective and reasonable best management practices for nonpoint source control.
(c) Where existing high quality waters constitute an outstanding resource, such as waters of national and state parks and wildlife refuges and waters of exceptional recreational or ecological significance, that water quality shall be maintained and protected.
(d) In those areas where potential water quality impairment associated with a thermal discharge is involved, the antidegradation policy and implementing method shall be consistent with section 316 of the Clean Water Act.

State surface waters are classified 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 waters are comprised of embayments, coastal, and oceanic waters. Numeric WQ criteria, sometimes referred to as the WQS are applicable to streams, estuaries, embayments, coastal, and oceanic waters.

## A.3. Special State Concerns and Recommendations

### A.3.1. Ocean Acidification

Ocean acidification is a global issue and naturally a topic of keen interest for state and federal agencies, and numerous stakeholders in Hawaii. Requests have been sent to the CWB to assess data in regards to concerns over ocean acidification in Hawaii's coastal and inland waters. In response the CWB assessed all readily available pH data spanning a two year time frame, as specified in the 2014 IR. Water body assessments indicate pH meets the water quality criteria as outlined in HAR Ch. 11-54. The CWB plays a decided role in water quality assessment and determining the health of Hawaii's water bodies as compared to the water quality standards. However, ocean acidification is an issue that deserves collective decision-making by multiple agencies and stakeholders, and should not be addressed by a single state agency. The CWB looks forward to collaborating with our stakeholders and other government agencies on this important global issue.

### A.3.2. Future Monitoring Recommendations

Future monitoring efforts will 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 utilize state watershed delineations and other geographical attributes as the basis for defining assessment units. Currently, the CWB is in the process of grouping coastal

sampling stations from their associated 12-unit hydrologic unit code (HUC-12) watershed (Appendix A) to statewide watershed delineations.

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# CHAPTER 1
# ESTUARIES AND MARINE WATERS

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## PART A. SCOPE OF WATERS

Chapter 1 of the 2014 IR covers all waters of salinity greater than 0.5 parts per thousand (ppt), which includes estuaries and marine waters as described in Hawaii's WQS, Hawaii Administrative Rules, Title 11, Chapter 54 (HAR Ch. 11-54). Estuaries are categorized as inland waters, while marine waters are separated according to water body type: embayments, open coastal and oceanic waters. Specific numeric nutrient criteria are applicable to each water body type.

## PART B. SURFACE WATER MONITORING AND ASSESSMENT

### B.1. Monitoring Program

The CWB monitoring and analysis section monitors state surface waters, updates the WQS, conducts assessments for the §303(d) list and §305(b) report, and develops TMDLs. This statewide monitoring program maintains staff on Kauai, Maui, Hawaii and Oahu. Current CWB monitoring efforts are limited to near shore coastal waters, however any available data that meets CWB's Quality Assurance/Quality Control (QA/QC) requirements is considered for assessment in the IR.

In order to provide more monitoring coverage throughout the state the CWB partners with community monitoring groups such as the Surfrider Foundation, Kauai Chapter, to form assisted monitoring programs. Data generated from partnerships provides more information about the current status of recreational waters to local communities and is used in water body assessments.

Collaboration between HIDOH and other state and federal agencies, including private consulting firms, is another key component of the monitoring program. The CWB participates in national assessments sponsored by EPA. In 2010 HIDOH participated in EPA's National Coastal Condition Assessment (NCCA) by conducting a statewide survey of Hawaii's coastal waters. Initially the islands of Oahu, Niihau, Maui, Kahoolawe, Lanai, and Hawaii were surveyed. Since the island of Kauai was not included in the initial statewide survey, HIDOH applied the same 2010 NCCA design to Kauai in 2011. HIDOH expanded the 2010 design to the island of Hawaii in 2012 and Maui in 2013. To complete this cycle, the CWB will survey Oahu in 2014. Field sampling was carried out by Steve Dollar at Marine Research Consultants, Inc (MRC). The CWB has also partnered with the Division of Aquatic Resources, Department of Land and Natural Resources in the EPA National Lakes Assessment in 2012 and National Rivers and Stream Assessment in 2013-2014. Additionally, the CWB provided pesticide monitoring assistance in a joint United States Geological Survey (USGS)/Hazard Evaluation and Emergency Response Program on the islands of Kauai, Oahu, Maui and Hawaii.

Water quality data generated from NPDES permits and CWA §401 WQ Certifications results in greater statewide coverage and comprehensive assessments at no increased cost to the HIDOH program. The coordination between multiple agencies and permit applicants also provides for expediting the permitting process through early plan reviews and dialogues in preconstruction meetings.

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### B.1.1. Monitoring Strategy Overview

State surface waters are monitored and assessed for recreational and ecosystem health. Recreational health is assessed using bacterial indicators, while overall ecosystem health is assessed using nutrient and biogeochemical data.

### B.1.2. Bacterial Indicator Sampling

Selected shoreline waters throughout the state are regularly monitored to ensure the safety of swimmers, surfers, divers, and other recreational users of near shore waters. Results from monitoring activities provide the information needed to make daily assessments in addition to providing an ongoing baseline from which to establish trends in the future.

Recreational health is assessed by enumerating enterococci, the recommended EPA fecal indicator bacteria for marine recreational waters. The presence of enterococci in sufficient numbers "indicates the potential for human infectious diseases" as is defined in the CWA §502(23) (U.S. EPA Office of Water 2012). Exceedence of the WQS for enterococci is generally thought to indicate the presence of human fecal contamination, and hence, the presence of pathogens.

Bacterial evaluations are used to inform daily assessments and long term decisions (e.g. Integrated Report) regarding recreational water quality health and safety. Daily assessments involving beach closures and notifications utilize a two organism approach, with *Clostridium perfringens*, an anaerobic bacterium, serving as a secondary tracer along with enterococci to confirm that high bacterial numbers are the result of sewage related discharges. Research shows that enterococci isolated from environmental samples can originate from sources other than human fecal matter (Gruber et al. 2005). In addition, soils are thought to be a major source of enterococci to Hawaiian streams (Hardina and Fujioka 1991; Byappanahalli and Fujioka 2004), highlighting the limitations of using enterococcus as a sole indicator for Hawaii. HIDOH recognizes that there are no perfect bacterial indicators, and we support using a variety of methods such as sanitary surveys, molecular source tracking and best professional judgement as additional lines of evidence for assessment purposes.

### B.1.3. Nutrient and Biogeochemical Sampling

The CWB periodically collects coastal samples for nutrient and biogeochemical analysis, providing data for IR assessments. The nutrient parameters analyzed include nitrate+nitrite-nitrogen, ammonia nitrogen, total nitrogen and total phosphorus. Biogeochemical parameters include turbidity, total suspended solids (TSS) and chlorophyll *a*.

### B.1.4. Quality Assurance/Quality Control

The monitoring and analysis program Quality Assurance/ Quality Control (QA/QC) is governed by the HIDOH CWB Beach Monitoring Quality Assurance Project Plan (QAPP) and the Coastal Chemistry Monitoring QAPP.

### B.1.5. Laboratory Analytical Support

The HIDOH uses three Hawaii-based laboratories for analysis of samples: the State DOH Laboratory, Natural Energy Laboratory of Hawaii Authority (NELHA), and Microbiology Consulting Services, LLC (MCS). The Environmental Health Analytical Services Branch

(EHASB) of the State Laboratories Division analyzes the samples collected by HIDOH personnel. The State maintains microbiology laboratories on the four largest islands (Kauai, Oahu, Maui, and Hawaii) which conduct the bacterial analysis for their respective islands, with the exception of West Hawaii. MCS has analyzed bacterial samples for West Hawaii since July 2007. Chemical analyses for all islands are conducted at the Oahu laboratory.

### B.1.6. Data Storage, Management, and Sharing

The CWB bacterial dataset extends from 1973 to the present, and the nutrient and biogeochemistry 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 STOrage and RETrieval (STORET) database. The STORET database contains all post 1999 sampling data from the CWB's fixed network of routine monitoring stations. Data collected before 1999 are stored in the "Legacy STORET Database". The end-users of the STORET database system include government agencies, consultants, students, and the general public.

## B.2. Assessment Methodology

A formal call for data was announced early in 2013 and ended in November 2013. Marine, estuarine and inland (stream) waters monitored between November 2011 and October 2013 were assessed. Multiple sources ranging from partnerships with private consulting firms, community assisted monitoring groups and permitted facilities provided some of the data the CWB assessed (Appendix B).

Listing and delisting decisions for conventional pollutants are based on the quality and quantity of data (Figure 1), water body type and applicable standards. Numerous categories may be necessary to describe the current status of a water body, due to assessing multiple parameters. The attainment of WQS for one parameter but not another, results in the assignation of one or more categories to a water body.

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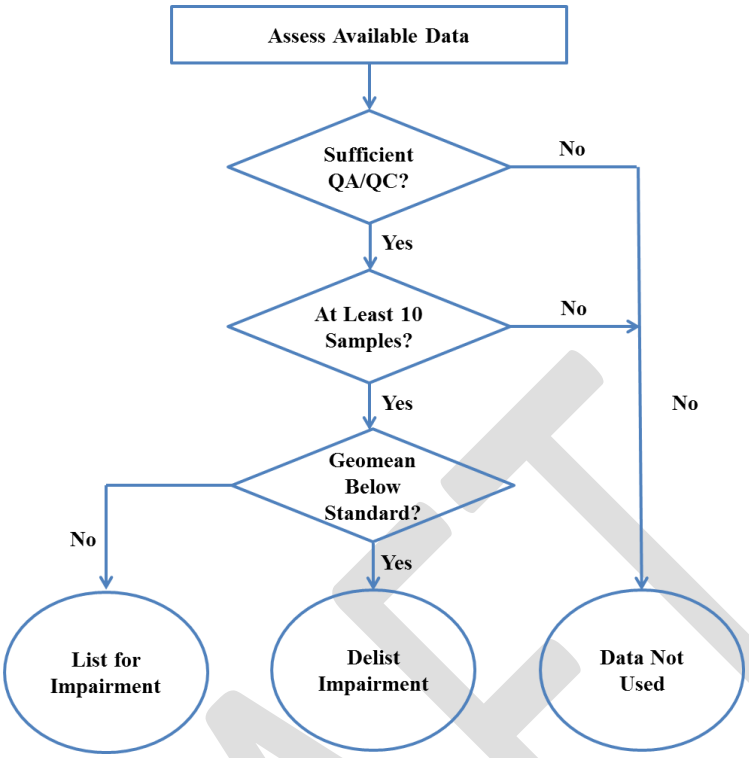


**Figure 1.** Flow chart of the listing/delisting process for conventional pollutants (enterococci, total nitrogen, $NO_3$+$NO_2$, $NH_4$, total phosphorus, $PO_4$, chlorophyll *a*, turbidity and TSS).

### B.2.1. Assessment Units

Hawaii's topographical structure is comprised of short, small watersheds defined by steep mountain walls. Fronting marine waters are largely influenced by streams and groundwater sources located in the associated watershed. Coastal waters, especially near shore marine waters (within 300 m of shoreline) can be viewed as an extension of the watershed. Assessment units are based on the water body types described in the WQS and the premise that water quality in the near shore coastal areas is likely to be different than waters located offshore.

Assessment units for the 2014 IR remain the same as in previous reports. Most assessment units are represented by one sampling station identified as a beach shoreline segment; however there are some instances where one assessment unit is represented by multiple sampling stations.

### B.2.2. Recreational WQ Assessment

Attainment of water quality goals for recreational uses is determined by comparing enterococci numbers to Hawaii's water quality criteria for enterococci (HAR §11-54-8(b)). Criteria applied to the data depend on frequency of collection. Frequently collected data are assessed by calculating a monthly (25-30 days) geometric mean (GM). Less frequently collected data are allowed to exceed 104 CFU/ 100 mL in 10% of the total samples (Table 1).

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**Table 1.** Enteroccoci standard attainment/non-attainment based on sample number/frequency.

| Sample Number/Frequency | Standard Attained | Standard Not Attained (Impaired) |
|---|---|---|
| ≥ 5 samples within 25-30 days | GM ≤ 35 CFU/100 mL | GM > 35 CFU/100 mL |
| < 5 samples within 25-30 days | 10% or less of total samples ≤ 104 CFU/100 mL | More than 10% of total samples > 104 CFU/100 mL |

### B.2.3. Ecosystem Health Assessment

Attainment of water quality goals for ecosystem health in marine waters is determined by comparing nutrient concentrations and biogeochemical parameters to the water quality criteria specified in HAR §11-54-6. In contrast to the monthly GM applicable for recreational health, ecosystem health assessment is based on one calculated GM for the two year period. Unlike bacterial standards, which remain the same for all state estuary and marine recreational waters regardless of water body type, nutrient standards vary depending on water body type (Table 2).

**Table 2.** Marine water body assessment units and applicable standards as defined in HAR Ch. 11-54.

| Assessment Unit | Description | Applicable Recreational Standard | Applicable Nutrient Standard |
|---|---|---|---|
| Estuaries | As defined in §11-54-2 | HAR §11-54-8 | Estuary, HAR §11-54-5.2 |
| Near Shore Marine Recreational Waters | Shoreline to 300 m offshore | HAR §11-54-8 | Open Coastal, HAR §11-54-6 (b) |
| Open Coastal Marine Waters | 300 m offshore to 183 m (600 ft) depth contour | HAR §11-54-8 | Open Coastal, HAR §11-54-6 (b) |
| Oceanic Waters | 183 m (600 ft) depth contour to 3 miles offshore | HAR §11-54-8 | Oceanic, HAR §11-54-6 (c) |

### B.2.4. Assessment Codes (Geocode IDs)

The alphanumeric codes (geocodes) assigned to each marine water body in the 2012 IR are retained for the 2014 report. Two sets of geocodes exist in the Hawaii structure, a 2-letter alphanumeric (HI) and 3-letter alphanumeric (HIW). The numeric portion of both geocodes is preceded by the state abbreviation (HI) as suggested by EPA protocol. The 2-letter geocode is from an existing structure of the EPA's Beaches Environmental Assessment and Coastal Health (BEACH) program that identifies recreational waters across the state. The 3-letter code was generated in response to areas where BEACH codes do not exist and areas that are divided into small subsections. Each code is comprised of a total of eight characters, and is not ordered.

## B.3. Assessment Results

Approximately 575 marine water body segments have been established statewide. In this report 157 (27%) water body segments were assessed for available parameters. It should be noted that not all parameters were assessed for every segment. Of the 157 segments assessed, 133 (85%) do not meet WQS for at least one or more conventional pollutants based on new data (Table 3).

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Across the state the turbidity standards were exceeded most frequently (86%), followed by nutrients (43%). Conversely, attainment of recreational health criteria was observed in 90% of bacterial assessments, which remains consistent with the 2012 IR assessments.

**Table 3.** Water body attainment (A) and non-attainment (N) of conventional pollutants summarized by island. -- =not assessed.

| Island | Total # Assessed Segments | Bacteria | | Nutrients | | Turbidity | | Chlorophyll *a* | |
|---|---|---|---|---|---|---|---|---|---|
| | | A | N | A | N | A | N | A | N |
| Kauai | 32 | 20 | 9 | 19 | 13 | 0 | 30 | 8 | 0 |
| Oahu | 51 | 40 | 1 | 54 | 2 | 7 | 25 | 9 | 4 |
| Molokai | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Lanai | 2 | -- | -- | 7 | 1 | 1 | 1 | 1 | 1 |
| Maui | 24 | 19 | 1 | 12 | 28 | 2 | 22 | 5 | 5 |
| Hawaii | 48 | 39 | 2 | 15 | 37 | 9 | 39 | 7 | 5 |
| **Totals** | **157** | **118** | **13** | **107** | **81** | **19** | **117** | **30** | **15** |

The most common pollutant to trigger a marine §303(d) listing is turbidity resulting in 117 impairments (Table 3). Turbidity is the sole cause of impairment (Category 5 designation) in 40 of those 117 exceedences (34%) (Appendix C). This was an increase from the 2012 IR assessments where 32% did not attain for turbidity. The turbidity standards outlined in HAR Ch. 11-54 specify limits in recreational waters that are difficult to meet. DOH acknowledges the need to assimilate baseline conditions (natural conditions) occurring in "pristine" areas when evaluating what constitutes impairment.

Although nutrients were the second most common pollutant to initiate a Category 5 designation over half (57%) of the assessments resulted in attainment of WQS. This shows a decrease in nutrient impairments compared to the 2012 IR assessments, where 74% of the assessed water bodies did not meet nutrient criteria. Similar to nutrients, chlorophyll *a* showed an improvement in attainment of WQS (67%) from the previous assessment period (47%).

### B.3.1. Delisted Marine Water Bodies

Measureable water quality improvements were observed in four marine water bodies on Oahu; Ewa Beach, Ocean Pointe C, Pokai Bay and Sandy Beach, resulting in a delisting for each water body. Ewa Beach and Pokai Bay showed state standards were attained for all recreational, nutrient and biogeochemical parameters. Ocean Pointe C attained state WQS for all nutrient and biogeochemical parameters. All (conventional pollutants) nutrients and turbidity attained state standards for Sandy Beach (Table 4).

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**Table 4.** Marine water bodies delisted for conventional pollutants. Total N=total nitrogen; $NO_3$+$NO_2$=nitrate+nitrite-nitrogen; Total P=total phosphorus; Chl-*a*=chlorophyll *a*; $NH_4$=ammonium nitrogen; ***A***=delisted pollutant (attainment of state WQS); ?=insufficient data.

| Island | Scope of Assessment | Geocode ID | Enterococci | Total N | $NO_3$ + $NO_2$ | Total P | Turbidity | Chl-*a* | $NH_4$ |
|---|---|---|---|---|---|---|---|---|---|
| Oahu | Ewa (Open Coastal) | HIW00189 | ***A*** | A | A | A | A | A | A |
| Oahu | Ocean Pointe C | HIW00132 | ? | ***A*** | ***A*** | A | ***A*** | ***A*** | ***A*** |
| Oahu | Pokai Bay (Open Coastal) | HIW00018 | A | A | A | A | ***A*** | A | A |
| Oahu | Sandy Beach (Open Coastal) | HIW00191 | ? | ***A*** | A | A | A | ? | A |

The 2014 IR continues to implement a multi-category listing method (Category 1-5) to characterize current water quality status (e.g. new listing, delisting, etc). All changes that have occurred since the previous listing period (2012 IR) as a result of new data analysis are documented (Table 5). The following table details how a water body was assigned a different numerical category and includes reasons for those changes.

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**Table 5.** Category list of changes from the 2012 listed marine waters that identify conventional pollutants where a *change* has occurred (e.g. new listing, delisting, etc.). Pollutants: Entero=enterococci; TN=total nitrogen; TDN=total dissolved nitrogen; $NO_3$+$NO_2$=nitrate+nitrite-nitrogen; $NH_4$=ammonium nitrogen; TP=total phosphorus; TDP=total dissolved phosphorus; $PO_4$=phosphate; Turbidity; Chl-*a*=chlorophyll *a*. Summary rationale codes: NND=new numerical data; NL=new listed impairment (assign category 5); DL=delisting (category change from 5 to 2; category change from 4a to 2); A2=assign category 2; category change from 3 to 2; CC=criteria change. Listed water bodies are sorted by island, north to south.

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Anahola Beach | HI823433 | Turbidity | List Pollutant | 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. |
| Beach House Beach | HI156238 | Turbidity | List Pollutant | 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. |
| Brennecke Beach | HI166521 | Turbidity | List Pollutant | 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. |
| Hanalei River | HI385259 | TN | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| | | $NO_3$+$NO_2$ | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| | | Chl-*a* | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| | | $NH_4$ | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| | | TP | List Pollutant | 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. |
| Hanama'ulu Bay (Beach) | HIW00094 | Turbidity | List Pollutant | 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. |
| Kalihiwai Bay | HI264001 | Turbidity | List Pollutant | 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. |
| Kapa'a Beach Co. Park | HI972832 | Turbidity | List Pollutant | 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. |
| Kee Beach | HI124511 | Turbidity | List Pollutant | 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. |
| Kekaha Beach Co. Park | HI530569 | Turbidity | List Pollutant | 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. |
| Koloa Landing | HI955435 | Turbidity | List Pollutant | 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. |
| Lumaha'i Beach | HI889639 | Turbidity | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Lydgate Park | HI798758 | Turbidity | List Pollutant | 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 | Entero | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | Turbidity | List Pollutant | 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 (Nawiliwili Harbor) | HIW00115 | Turbidity | List Pollutant | 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* | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Nukolii Beach Park | HI502794 | Turbidity | List Pollutant | 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. |
| Pacific Missile Range Facility/Barking Sands Beach | HI176480 | Turbidity | List Pollutant | 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. |
| | | TN | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| | | $NO_3$+$NO_2$ | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| | | TP | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| | | Chl-*a* | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| | | $NH_4$ | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| Po'ipu Beach Co. Park | HI396850 | Turbidity | List Pollutant | 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. |
| Polihale State Park | HI247403 | Turbidity | List Pollutant | 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. |
| Port Allen Boat Harbor (Port Allen Pier) | HIW00026 | $NO_3$+$NO_2$ | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Salt Pond Beach Co. Park | HI701008 | Turbidity | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Sheraton Beach | HI542569 | Turbidity | List Pollutant | 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. |
| Waikoko Estuary | HIW00162 | Entero | List Pollutant | 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 Pollutant | 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 Pollutant | 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. |
| | | $NO_3$+$NO_2$ | List Pollutant | 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. |
| | | TN | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| | | Chl-*a* | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| Wailua (Wailua River Station) | HI606168 | Turbidity | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Waimea Rec. Pier St. Park | HI245235 | Turbidity | List Pollutant | 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. |
| Waioli Stream Estuary | HIW00163 | Entero | List Pollutant | 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 Pollutant | 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 Pollutant | 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. |
| | | $NO_3$+$NO_2$ | List Pollutant | 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. |
| | | TN | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| | | Chl-*a* | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| Waipa Stream Estuary | HIW00164 | Entero | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| | | TP | List Pollutant | 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 Pollutant | 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. |
| | | $NO_3$+$NO_2$ | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| | | TN | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| | | Chl-*a* | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Ala Moana Beach (Diamond Head) | HIW00002 | Turbidity | List Pollutant | 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. |
| Bellows Field Beach Co. Park (Waimanalo Stream Mouth) | HIW00081 | $NO_3$+$NO_2$ | List Pollutant | 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 Pollutant | 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 Pollutant | 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. |
| | | TN | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| | | TP | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| Campbell Industrial | HIW00187 | Turbidity | List Pollutant | 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. |
| Chun's Reef | HI950962 | Turbidity | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Ewa (Open Coastal) | HIW00189 | Entero | Delist Pollutant | NND, DL | **DELIST cat. 2**; Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Kahanamoku Beach | HI366432 | Turbidity | List Pollutant | 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. |
| Kualoa Co. Regional Park | HI848207 | Turbidity | List Pollutant | 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. |
| Kuhio Beach | HI681782 | Turbidity | List Pollutant | 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. |
| Magic Island | HI529142 | Turbidity | List Pollutant | 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. |
| Makapuu Beach | HI723399 | Turbidity | List Pollutant | 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. |
| Malaekahana State Park | HI137325 | Turbidity | List Pollutant | 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. |
| Ocean Pointe C | HIW00132 | TN | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| | | $NO_3$+$NO_2$ | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | Turbidity | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | Chl-*a* | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | $NH_4$ | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Ocean Pointe Control | HIW00129 | TN | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | $NO_3$+$NO_2$ | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Ocean Pointe E | HIW00130 | TN | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | $NO_3$+$NO_2$ | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| | | Chl-*a* | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Ocean Pointe W | HIW00131 | TN | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | $NO_3$+$NO_2$ | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Ocean Pointe KA | HIW00210 | Turbidity | List Pollutant | 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 Pollutant | 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. |
| Ocean Pointe PR | HIW00211 | Turbidity | List Pollutant | 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 | Turbidity | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Royal-Moana Beach | HI898947 | Turbidity | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Sandy Beach (Open Coastal) | HIW00191 | TN | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Sans Souci | HI617815 | Turbidity | List Pollutant | 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. |
| Sunset Beach | HI860544 | Turbidity | List Pollutant | 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. |
| Waimanalo Beach Co. Park (South) | HIW00174 | Turbidity | List Pollutant | 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. |
| Waimea Bay | HIW00128 | Turbidity | List Pollutant | 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. |
| White Plains Beach | HI267023 | Turbidity | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Hulupoe Bay | HIW00177 | TN | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | Turbidity | List Pollutant | 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 Pollutant | 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. |
| Kaluakoi Point to Huawai Bay | HIW00135 | TN | Delist Pollutant | NND, NL | **DELIST cat. 2;** Assessment of data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | $NH_4$ | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Ka'anapali (Kahekili Beach) | HI643627 | Wet/Dry Criteria | Change | CC | Assessment of new data supports change in criteria from dry to wet. |
| | | $NO_3$+$NO_2$ | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | $NH_4$ | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Kalama Beach Co. Park (Cove Park) | HI705118 | Turbidity | List Pollutant | 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. |
| Kalepolepo (Waimahaihai) | HIW00141 | TN | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Kamaole Beach 1 | HI761092 | TP | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Makena Landing-Maluaka Beach | HIW00142 | Chl-*a* | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | Turbidity | List Pollutant | 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. |
| Maliko Bay | HI423064 | Turbidity | List Pollutant | 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. |
| Oneloa Beach (Big Beach)-Ahihi-Kinau | HIW00144 | Chl-*a* | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Oneuli Beach | HI756040 | Chl-*a* | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | TP | List Pollutant | 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. |
| Poolenalena-Makena Landing | HIW00143 | Chl-*a* | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | Turbidity | List Pollutant | 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. |
| Waiehu Beach Co. Park | HI916183 | Turbidity | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| 2nd Beach (next to Mahaiula) | HI616452 | Turbidity | List Pollutant | 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. |
| Anaeho'omalu Bay | HI326172 | Turbidity | List Pollutant | 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. |
| Analani Pond (Puala'a) | HI707059 | Entero | List Pollutant | 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 | List Pollutant | 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. |
| Banyan's Surfing Area | HI713314 | Entero | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | Turbidity | List Pollutant | 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. |
| Hilo Bay (Boat Landing) | HIW00027 | Turbidity | List Pollutant | 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. |
| Hilo Bay (Canoe Beach) | HI315019 | $NH_4$ | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Hilo Bay (Coconut Isle) | HI977673 | Turbidity | List Pollutant | 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. |
| Hilo Bay (Exit of Ice Pond) | HI659453 | Turbidity | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| Hilo Bay (Lighthouse) | HIW00028 | Entero | List Pollutant | 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. |
| | | TN | List Pollutant | 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 Pollutant | 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. |
| Holoholokai | HI852331 | Turbidity | List Pollutant | 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. |
| Honaunau Bay (2 Step) | HI246645 | Turbidity | List Pollutant | 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. |
| Ho'okena | HI152572 | Turbidity | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| James Kealoha Park | HI670254 | Turbidity | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| Kahalu'u Beach Co. Park | HI013290 | Turbidity | List Pollutant | 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. |
| Kahuwai Bay-Mano Point | HIW00153 | TDP | List Pollutant | 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. |
| | | $PO_4$ | List Pollutant | 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. |
| Kailua Bay | HI753566 | Turbidity | List Pollutant | 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. |
| Kamakaokahonu | HIW00032 | Turbidity | List Pollutant | 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. |
| Kamakaokahonu (Kailua Pier A-1) | HI261474 | Turbidity | List Pollutant | 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. |
| Kapoho Bay | HI391407 | Entero | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| | | Turbidity | List Pollutant | 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. |
| Kauilii Point-Kapaa Beach Park | HIW00201 | $NO_3$+$NO_2$ | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Kauna'oa Beach | HI261869 | Turbidity | List Pollutant | 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. |
| Kawaihae Harbor | HI978783 | Turbidity | List Pollutant | 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. |
| Keahole Point | HIW00203 | Turbidity | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | $NH_4$ | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | TDP | List Pollutant | 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. |
| Keauhou Bay (Kona) | HI713293 | Turbidity | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Keaukaha Beach Park | HI849313 | Turbidity | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| Leleiwi Beach Co. Park | HI540868 | Turbidity | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |
| Leleiwi Beach Co. Park (Richardson Ocean Center) | HIW00030 | Turbidity | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Mahukona Harbor | HIW00197 | TP | List Pollutant | 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. |
| Manini'owali | HI720408 | TDP | List Pollutant | 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. |
| | | $PO_4$ | List Pollutant | 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 Lani (Kalahuipua'a) | HI890924 | Turbidity | List Pollutant | 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. |
| Miloli'i Beach | HI470112 | Turbidity | List Pollutant | 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. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Onekahakaha Beach Co. Park | HI862286 | Turbidity | List Pollutant | 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. |
| Pelekane Bay | HI738158 | Entero | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | Turbidity | List Pollutant | 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. |
| Pine Trees | HI320616 | Turbidity | List Pollutant | 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. |
| Pohoiki Beach | HI316864 | Turbidity | List Pollutant | 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. |
| Puako | HI668132 | Turbidity | List Pollutant | 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. |
| Puhi Bay | HIW00206 | $NO_3$+$NO_2$ | List Pollutant | 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. |
| | | Entero | | NND, A2 | **ASSIGN cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 3 to 2. |

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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Waiulaula | HI934020 | Turbidity | List Pollutant | 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. |
| Waiulua Bay to Anaehoomalu Bay | HIW00148 | Chl-*a* | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| Wawaloli Beach | HI643938 | Turbidity | List Pollutant | 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. |

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# CHAPTER 2
# INLAND FRESHWATERS

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## PART A. SCOPE OF WATERS

Chapter 2 of the 2014 IR covers all freshwaters of salinity less than 0.5 ppt. Assessment units for the 2014 IR remain the same as in previous reports. Inland waters are partitioned by type according to the HAR Ch. 11-54.

## PART B. MONITORING AND ASSESSMENT

### B.1. Basic Attainment Decision Unit

The basic (Tier I) attainment decision unit (ADU or decision unit) for Hawaii'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 ADUs, can include one or more water body type as defined by HAR Ch. 11-54, including, but not limited to intermittent streams, reservoirs, and wetlands (Table 6).

**Table 6.** Applicable water quality criteria and decision unit boundaries for inland freshwater bodies. [1]HAR §11-54-1 inland freshwater 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(a) specific criteria for inland recreational waters; HAR §11-54-5.2(b) specific criteria for stream water column; HAR §11-54-5.2(b)(2) bottom criteria for streams; HAR §11-54-5.2(c) specific criteria for elevated wetlands. [3]HAR §11-54-5.1(a) 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". This water body type is not defined by rule but is included in the definition of "State waters".

| 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/Wetland | 1987 Corps Delineation[4] |
| Low Wetland | Basic/Recreational | 1987 Corps Delineation[4] |
| Intermittent Stream | Basic/Recreational/Water Column/Bottom | Entire Network or Sub-network[5] |
| Perennial Stream | Basic/Recreational/Water Column/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 |

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### B.1.1. Tiered Approach

A tiered approach, linked with the assessment decision criteria first adopted in the 2002 §303(d) listing, was used in past assessments to refine decision units for freshwater stream networks. Tier I ADUs 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 ADUs 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 ADUs are established for TMDL development and other intensive monitoring and analysis purposes. Tier IV ADUs are part of Tier III decision units and defined based on the most detailed assessment information.

### B.1.2. Decision Unit Rationale and Implementation

HIDOH's current focus on defining ADUs for streams is based on:

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

ADUs for inland freshwater bodies do not include marine waters, inland brackish or saline waters, such as estuaries and anchialine pools. Decision unit 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.

### B.1.3. Decision Unit Delineation, Naming, Coding and Geolocation

Numerous conventions for naming, coding, and geolocating Hawaii's water bodies and decision unit 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. Water body identification for freshwater decision units are based on the Hawaii Stream Assessment (HSA) Coding System (Hawaii Cooperative Park Service Unit 1990) with some modifications, as noted in the 2006 IR.

Geolocation of freshwater decision units is based upon various public domain digital coverages, HIDOH field data (global positioning system (GPS) coordinates, station description, field mapping, stream surveys, and stream assessments), and similar spatial location data submitted with third party data packages.

### B.1.4. Application of Criteria to Attainment Decisions

The §303(d) list applies to the entire freshwater (salinity < 0.5 ppt) portion of a stream system, including all hydrologically connected reaches, unless a case is documented in which small decision units are justified. The same method also applies to other water body types.

We recommend 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 decision unit for inland freshwater bodies, and may include the boundaries of the following water body types as defined by HAR §11-54-1.

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

**B.2. Quality Assurance/Quality Control**

QA/QC procedures document data quality by describing collection and analysis procedures. HIDOH's Clean Water Branch and Laboratory operate under the terms of the "Quality Management Plan for Surface Water Quality Monitoring" approved by EPA Region IX (December 9, 1999). Other data submitted from sources outside the HIDOH are evaluated against the QAPP.

**B.3. Assessment Methodology**

Standardized criteria enable HIDOH to periodically collect and assess datasets for water body valuations. Datasets and supporting documentation are evaluated against numeric and narrative criteria, where applicable, for listing/delisting decisions.

State Water Quality Standards (WQS) set in HAR Ch. 11-54 for conventional pollutants, such as nutrients and sediments, are expressed in a statistical format that presents criteria in the form of GMs not to be exceeded by the GM values computed from datasets. The WQS for biogeochemical parameters (nutrients, TSS, turbidity, chlorophyll *a*) in streams are divided into "wet" (November through April) and "dry"(May through October) season criteria. This is in contrast to the “wet’ and ‘dry” criteria applicable in estuaries and marine waters, which are dependent on the amount of freshwater discharge per shoreline mile.

Enterococci are the indicator bacteria used to evaluate recreational health in inland freshwaters, while biogeochemical parameters are used to determine ecosystem health. A minimum of ten samples collected within the season is required for assessment.

For toxic pollutants, such as pesticides and heavy metals which often require expensive analyses, a minimum sample size of three is required for assessment. Toxic pollutants for freshwaters are characterized by acute and chronic concentration criteria and fish consumption criteria. Biological surveys of aquatic communities, fish consumption advisories, and reports of contaminated sediments are also eligible sources of listing information. Datasets for evaluation of narrative criteria must include at least three sampling events and represent conditions in both wet and dry seasons. These narrative criteria may be evaluated using HIDOH-approved habitat or biological assessment methodologies as long as they can be directly correlated to specific narrative criteria in HAR §11-54-4. Also, in accordance with HAR §11-54-4(b)(2)(A), acute toxicity standards for the contamination of sediment may be evaluated using broadly accepted

standards such as those developed in Canada and New York, provided that HIDOH deems them appropriate for use in Hawaii (CCME 1999; NYSDEC 1999).

**B.4. Assessment Results**

Two inland freshwater body segments were assessed for this report. Based on available data Hanalei stream (Kauai) was assessed only for the dry season while Heeia stream (Oahu) was assessed for dry and wet seasons.

*Dry Season*

Hanalei stream was initially listed impaired for bacteria and dry season turbidity in the 2006 IR. Newly assessed data show Hanalei stream still exceeds water quality standards for bacteria but remains attained for total nitrogen, $NO_3$+$NO_2$ and TSS. A measurable improvement is observed for turbidity resulting in a delisting for this parameter for Hanalei stream (Table 7). Total phosphorus is a new pollutant not meeting state water quality standards.

Heeia stream was initially listed impaired for total nitrogen and $NO_3$+$NO_2$ during the dry season in the 2006 IR. Currently dry season criteria are attained for TN, resulting in a delisting for this pollutant (Table 7). Water quality standards continue to attain for turbidity and TSS; however $NO_3$+$NO_2$ still exceeds standards.

*Wet Season*

Heeia stream initially exceeded wet season criteria for $NO_3$+$NO_2$ in the 2004 IR, and based on newly assessed data remains exceeded. Total nitrogen and TSS indicate current attainment of water quality standards as in previous IRs. Total phosphorus did not meet state water quality standards and is listed as a new pollutant (Table 7).

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**Table 7.** Category list of changes from the 2012 listed inland freshwaters that identify conventional pollutants where a *change* has occurred (e.g. new listing, delisting, etc.). Pollutants: TN=total nitrogen; TP=total phosphorus; Turbidity. Summary rationale codes: NND=new numerical data; NL=new listed impairment (assign category 5); DL=delisting (category change from 5 to 2).

| KAUAI | | | | | |
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| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Hanalei Stream | 2-1-19 | Turbidity (dry) | Delist Pollutant | NND, NL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | TP (dry) | List Pollutant | NND, NL | **ASSIGN cat. 5;** Assessment of new data indicates that applicable are WQS are not being attained, resulting in a category change from 2 to 5. |

| OAHU | | | | | |
|---|---|---|---|---|---|
| **Scope of Assessment** | **Geocode ID** | **Pollutant** | **Decision Action** | **Summary Rationale** | **Reason for Changes** |
| Heeia Stream | 3-2-08 | TN (dry) | Delist Pollutant | NND, DL | **DELIST cat. 2;** Assessment of new data indicates that applicable WQS are being attained, resulting in a category change from 5 to 2. |
| | | TP (wet) | List Pollutant | 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. |

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**B.5. Wetlands Program**
Responsibilities for wetland protection are diffused among various federal, state, and county authorities. There is no formal wetland program in HIDOH.

**B.6. Public Health Issues**
Leptospirosis Threat
Leptospirosis is not included as a specific water quality standard parameter. However, all freshwaters within the state are considered potential sources of Leptospirosis infection by the epidemiology section of the 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 freshwaters of the state.

Fish Consumption Advisory
Pearl Harbor, Ala Wai Canal, and urban streams of Honolulu 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 (PCBs) and lead.

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# CHAPTER 3
# 2014 §303(d) and §305(b) WATER BODY ASSESSMENT RESULTS FOR HAWAII

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**2014 §303(d) and §305(b) Water Body Assessment Results for Hawaii**

States are required to obtain and review all existing and readily available surface water quality data and related information to compare against the state's water quality standards. Conventional pollutants with GMs above the state WQS are evaluated as "not attaining" (N). These water bodies are assigned to Category 5 and added to the CWA §303(d) List of Impaired Waters. Assessed parameters with GMs below the WQS are determined as attaining "A" and assigned Category 2 (some uses attained). Previously impaired water bodies (Category 5) that currently meet standards are "delisted" and reassigned into Category 2. Water bodies with insufficient data are coded with a "?" and assigned to Category 3. Areas as well as other pollutants (e.g. metals, pesticides) not identified in the status of assessed state water bodies (§305(b)) and listing of impaired waters (§303(d)) do not have any available data, and are considered to be in Category 3 (Table 8). Ensuing cycles may add waters as necessary.

A water pollution reduction plan, or TMDL, is required for water bodies that are impaired or not expected to meet state WQS (Category 5), even after the application of technology-based effluent limitations. The prioritization (low, medium, high) of water bodies for TMDL development is based on the number of parameters listed and the severity of exceedences. The time frame for establishing TMDLs should be 8 to 13 years from the date of the original listing. Water bodies that meet state WQS and have an approved TMDL for specific parameters are evaluated as $A_T$ and assigned Category 2 and 4a (approved TMDL). Water bodies that exceed state WQS and have an approved TMDL for specific parameters are evaluated as $N_T$ and assigned Category 5 and 4a. To better understand initial assessments (e.g. attaining, not attaining, visual listing, etc) in previous IRs for water bodies that had parameters categorized as T (approved TMDL) minor changes were made. In 2012 TMDLs were approved for turbidity (sediment) and bacteria in Hanalei Bay.

The 2014 water body assessment results indicate where sampling has occurred which coincides with increased recreational activities. Results may not reflect all water bodies in the state. It is important to note that the assessment results contain a number of water bodies that are similar in name to other water bodies (indicated by an asterisk *); these are not duplicates. These water body entries are from previous IRs and were listed at that time as separate entries from similar sampling stations. Prior assessments confirmed with new data are shaded and any category changes for previously assessed waters are bold, italicized, underlined and shaded.

Each water body assessment is categorized according to EPA methods for inland (stream) and marine waters. Water bodies are sorted by island (north to south) and then by stream category (salinity < 0.5 ppt) or marine (coastal) category (salinity > 0.5 ppt). For stream and marine categories the following codes apply:

- **Stream codes:** EN = Entire Network, EE = Entire Estuary, ER = Entire Reservoir, EW = Entire Wetland, EL = Entire Lake
- **Marine Codes:** B = Bay (as specified within HAR §11-54-6), C = Open Coastal (fronting areas within 1000' and 100 fathoms of specified area), O = Oceanic (area beyond open coastal), E = Estuary, 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 (see HAR §11-54-6), P = Pearl Harbor

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**Table 8.** 2014 status of all assessed state water bodies (§305(b)) and listing of impaired waters (§303(d)) for inland (streams) and marine waters on Kauai, Oahu, Molokai, Lanai, Maui and Hawaii.

| KAUAI Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| Aakukui | Stream | EN | 2-4-02 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Aliomanu | Stream | EN | 2-1-36 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Anahola | Stream | EN | 2-2-01 | Dry | ? | Ac | A | A | N | A | | 2,3,5 | L |
| Anahola | Stream | EN | 2-2-01 | Wet | ? | Ac | Ac | Ac | N | Ac | | 2,3,5 | L |
| Hanakapiai | Stream | EN | 2-1-10 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Hanalei | Stream | EN | 2-1-19 | Dry | $N_T$ | A | A | ***N*** | ***A***$_T$ | A | | 2,4a,5 | TMDLs approved 2008 (Entero & Turbidity) |
| Hanalei | Stream | EN | 2-1-19 | Wet | $N_T$ | A | A | A | A | A | | 2,4a | TMDLs approved 2008 (Entero & Turbidity) |
| Hanamaulu | Stream | EN | 2-2-12 | Dry | ? | ? | ? | ? | N | ? | | 3,5 | L |
| Hanamaulu | Stream | EN | 2-2-12 | Wet | ? | ? | ? | ? | N | ? | | 3,5 | L |
| Hanapepe | Stream | EN | 2-3-07 | Dry | ? | A | A | A | N | A | | 2,3,5 | L |
| Hanapepe | Stream | EN | 2-3-07 | Wet | ? | Ac | Ac | Ac | V | Ac | | 2,3,5 | L |
| Huleia | Stream | EN | 2-2-15 | Dry | ?$_T$ | $N_T$ | $N_T$ | $A_T$ | $V_T$ | $A_T$ | | 4a | TMDLs approved 2008 |
| Huleia | Stream | EN | 2-2-15 | Wet | ?$_T$ | $A_T$ | $A_T$ | $A_T$ | $A_T$ | $A_T$ | | 4a | TMDLs approved 2008 |
| Kalihiwai | Stream | EN | 2-1-25 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Kapaa | Stream | EN | 2-2-04 | Dry | ? | A | A | A | N | A | | 2,3,5 | L |
| Kapaa | Stream | EN | 2-2-04 | Wet | ? | A | A | A | N | A | | 2,3,5 | L |
| Kilauea | Stream | EN | 2-1-28 | Dry | ? | A | A | A | N | A | | 2,3,5 | L |

**Decision Codes: ?** = insufficient data, **?$_T$** = insufficient data (TMDL approved for parameter), **A** = attained, **A$_T$** = attained (TMDL approved for parameter), **Ac** = attained (with combined season data), **Ac$_T$** = attained (with combined season data) (TMDL approved for parameter), **N** = not attained, **N$_T$** = not attained (TMDL approved for parameter), **Nc** = not attained (with combined season data), **Nc$_T$** = not attained (with combined data) (TMDL approved for parameter) , **N1** = not attained (2x the standard), **N1$_T$** = not attained (2x the standard, TMDL approved for parameter), **N1c** = not attained (with combined data, 2x the standard), **V** = visual listing from 2001-2004, **V$_T$** = visual listing from 2001-2004 (TMDL approved for parameter), **Y** = previous listing from 1998 or earlier; **Category: 1** = all uses attained, **2** = some uses attained, **3** = not enough data to evaluate, **4** = at least one use not attained, but no TMDL needed, **4a** = TMDL approved, **5** = at least one use not attained, TMDL needed; **TMDL Priority Codes:** High (**H**), Medium (**M**), & Low (**L**) priority for initiating TMDL development within the current monitoring and assessment cycle (through October 31, 2013), based on current and projected resource availability for completing the TMDL development process; **IP** = TMDL development in progress; prior assessments confimed with new data are shaded; ***category changes are bold, italicized, underlined & shaded.***

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| KAUAI Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| Kilauea | Stream | EN | 2-1-28 | Wet | ? | Ac | Ac | Ac | N | Ac | | 2,3,5 | L |
| Kipu | Stream | EN | 2-3-01 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Lawai | Stream | EN | 2-3-04 | Dry | ? | N | N | A | N | A | | 2,3,5 | L |
| Lawai | Stream | EN | 2-3-04 | Wet | ? | Ac | Ac | Ac | N | Ac | | 2,3,5 | L |
| Limahuli | Stream | EN | 2-1-12 | Dry | ? | A | N | A | ? | A | | 2,3,5 | L |
| 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 | L |
| Manoa | Stream | EN | 2-1-13 | Wet | ? | Ac | Ac | Ac | Nc | Ac | | 2,3,5 | L |
| Moloaa | Stream | EN | 2-1-34 | Dry | ? | A | A | A | N | A | | 2,3,5 | L |
| Moloaa | Stream | EN | 2-1-34 | Wet | ? | ? | ? | ? | N | ? | | 3,5 | L |
| Nawiliwili | Stream | EN | 2-2-13 | Dry | $?_T$ | $N_T$ | $N_T$ | $A_T$ | $V_T$ | $A_T$ | | 4a | TMDLs approved 2008 |
| Nawiliwili | Stream | EN | 2-2-13 | Wet | $?_T$ | $N_T$ | $N_T$ | $A_T$ | $A_T$ | $A_T$ | | 4a | TMDLs approved 2008 |
| Papaa | Stream | EN | 2-1-35 | Dry | ? | N1 | N1 | Ac | N1 | Ac | | 2,3,5 | L |
| Papaa | Stream | EN | 2-1-35 | Wet | ? | ? | ? | ? | ? | ? | | 3 | |
| Puali | Stream | EN | 2-2-14 | Dry | $?_T$ | $N_T$ | $N_T$ | $A_T$ | $N1_T$ | $A_T$ | | 4a | TMDLs approved 2008 |
| Puali | Stream | EN | 2-2-14 | Wet | $?_T$ | $Nc_T$ | $N1_T$ | $Ac_T$ | $Nc_T$ | $Ac_T$ | | 4a | TMDLs approved 2008 |

**Decision Codes: ?** = insufficient data, **$?_T$** = insufficient data (TMDL approved for parameter), **A** = attained, **$A_T$** = attained (TMDL approved for parameter), **Ac** = attained (with combined season data), **$Ac_T$** = attained (with combined season data) (TMDL approved for parameter), **N** = not attained, **$N_T$** = not attained (TMDL approved for parameter), **Nc** = not attained (with combined season data), **$Nc_T$** = not attained (with combined data) (TMDL approved for parameter) , **N1** = not attained (2x the standard), **$N1_T$** = not attained (2x the standard, TMDL approved for parameter), **N1c** = not attained (with combined data, 2x the standard), **V** = visual listing from 2001-2004, **$V_T$** = visual listing from 2001-2004 (TMDL approved for parameter), **Y** = previous listing from 1998 or earlier; **Category: 1** = all uses attained, **2** = some uses attained, **3** = not enough data to evaluate, **4** = at least one use not attained, but no TMDL needed, **4a** = TMDL approved, **5** = at least one use not attained, TMDL needed; **TMDL Priority Codes:** High (**H**), Medium (**M**), & Low (**L**) priority for initiating TMDL development within the current monitoring and assessment cycle (through October 31, 2013), based on current and projected resource availability for completing the TMDL development process; **IP** = TMDL development in progress; prior assessments confimed with new data are shaded; ***category changes are bold, italicized, underlined & shaded.***

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| KAUAI Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| Uhelekawawa | Stream | EN | 2-2-Uhelekawawa | | ? | ? | ? | ? | V | ? | | 3,5 | L |
| Wahiawa | Stream | EN | 2-3-06 | Dry | ? | N1 | N1 | A | N1 | A | | 2,3,5 | L |
| Wahiawa | Stream | EN | 2-3-06 | Wet | ? | Nc | Nc | Ac | Nc | Ac | | 2,3,5 | L |
| Waikomo | Stream | EN | 2-3-02 | Dry | ? | Nc | N1 | Ac | N1 | Ac | | 2,3,5 | L |
| Waikomo | Stream | EN | 2-3-02 | Wet | ? | Nc | Nc | Ac | Nc | Ac | | 2,3,5 | L |
| Wailua | Stream | EN | 2-2-08 | Dry | ? | Ac | Ac | Ac | N | Ac | | 2,3,5 | L |
| Wailua | Stream | EN | 2-2-08 | Wet | ? | ? | ? | ? | ? | ? | | 3 | |
| Waimea | Stream | EN | 2-4-04 | Dry | ? | A | A | N | N | A | | 2,3,5 | L |
| Waimea | Stream | EN | 2-4-04 | Wet | ? | Ac | Ac | Ac | V | Ac | | 2,3,5 | L |
| Waimea | Estuary | EE | 2-4-04-E | | ? | ? | ? | ? | V | ? | | 3,5 | L |
| 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 | Stream | EN | 2-1-18 | Dry | ? | A | A | A | A | A | | 2,3 | |
| Waioli | Stream | EN | 2-1-18 | Wet | ? | ? | ? | ? | ? | ? | | 3 | |
| Waipa | Stream | EN | 2-1-17 | Dry | ? | A | A | A | $N_T$ | A | | 2,3,4a | TMDL approved 2008 (Turbidity) |
| Waipa | Stream | EN | 2-1-17 | Wet | ? | ? | ? | ? | ? | ? | | 3 | |

**Decision Codes: ?** = insufficient data, **$?_T$** = insufficient data (TMDL approved for parameter), **A** = attained, **$A_T$** = attained (TMDL approved for parameter), **Ac** = attained (with combined season data), **$Ac_T$** = attained (with combined season data) (TMDL approved for parameter), **N** = not attained, **$N_T$** = not attained (TMDL approved for parameter), **Nc** = not attained (with combined season data), **$Nc_T$** = not attained (with combined data) (TMDL approved for parameter) , **N1** = not attained (2x the standard), **$N1_T$** = not attained (2x the standard, TMDL approved for parameter), **N1c** = not attained (with combined data, 2x the standard), **V** = visual listing from 2001-2004, **$V_T$** = visual listing from 2001-2004 (TMDL approved for parameter), **Y** = previous listing from 1998 or earlier; **Category: 1** = all uses attained, **2** = some uses attained, **3** = not enough data to evaluate, **4** = at least one use not attained, but no TMDL needed, **4a** = TMDL approved, **5** = at least one use not attained, TMDL needed; **TMDL Priority Codes:** High (**H**), Medium (**M**), & Low (**L**) priority for initiating TMDL development within the current monitoring and assessment cycle (through October 31, 2013), based on current and projected resource availability for completing the TMDL development process; **IP** = TMDL development in progress; prior assessments confimed with new data are shaded; ***category changes are bold, italicized, underlined & shaded.***

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| KAUAI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Aliomanu Beach | HI710019 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Anahola Beach | HI823433 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Anahola Beach | HI270737 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Anini Beach | HI338804 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Anini Beach Park | HI418744 | Wet | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| C | Beach House Beach | HI156238 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| E | Black Pot Beach Park | HI891354 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Brennecke Beach | HI166521 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Donkey Park | HI853903 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Gillin's Beach | HI976083 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Glass Beach | HI949505 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Haena Beach Park | HI554189 | Wet | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| C | Hanakapi'ai Beach | HI797414 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Hanalei Bay (Landing) | HIW00093 | Wet | $N_T$ | ? | ? | ? | $N_T$ | ? | ? | | 3,***4a***,5 | ***TMDLs approved 2012 (Entero & Turbidity)*** |
| B | Hanalei Bay (Pavilion) | HIW00092 | Wet | $A_T$ | ? | ? | ? | $N_T$ | ? | ? | | 2,3,***4a***,5 | |
| B | Hanalei Bay (Waioli Beach) | HIW00091 | Wet | $A_T$ | ? | ? | ? | $N_T$ | ? | ? | | | |
| B | Hanalei Bay Mooring Station* | HIW00157 | Wet | N | ? | ? | ? | ? | ? | ? | | 3,5 | H |
| E | Hanalei Bay upstream of Dolphin* | HIW00160 | NA | ? | ? | ? | ? | N | ? | ? | | 3,5 | H (IP) |
| E | Hanalei River | HI385259 | NA | $N_T$ | ***A*** | ***A*** | ***N*** | $N_T$ | ***A*** | ***N*** | | ***2***,4a,5 | TMDLs approved 2008 (Entero & Turbidity) |
| B | Hanama'ulu Bay | HIW00063 | Wet | ? | ? | ? | ? | N | ? | ? | | 3,5 | L |
| B | Hanama'ulu Bay (Beach) | HIW00094 | Wet | N | ? | ? | ? | ***N*** | ? | ? | | 3,5 | L |
| B | Hanapepe Bay | HIW00095 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |

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| KAUAI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| B | Hanapepe Bay- from breakwater to shore and near shore waters to 30' from Puolo Point to Paakehi Point | HIW00048 | Wet | ? | Y | Y | Y | ? | ? | ? | | 3,5 | L |
| C | Haula Beach | HI277808 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kahili Beach | HI533519 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kalalau Beach | HI908803 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kalihiwai Bay | HI264001 | Wet | N | ? | ? | ? | ***N*** | ? | ? | | 3,5 | L |
| C | Kapa'a Beach Co. Park | HI972832 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Kauapea Beach (Secret Beach) | HI669328 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kawailoa Beach | HI698776 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kealia | HI402035 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kee Beach | HI124511 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Kekaha Beach Co. Park | HI530569 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Kepuhi Beach | HI344813 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Kikiaola Beach | HI119207 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Kikiaola Boat Harbor | HIW00112 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kilauea Point Nat. Wildlife Refuge | HI471488 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kipu Kai | HI266627 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Koloa Landing | HI955435 | Dry | N | ? | ? | ? | ***N*** | ? | ? | | 3,5 | L |
| B | Kukuiula Bay | HIW00113 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Kukui'ula Bay | HI619039 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Larsens Beach | HI860960 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Lawa'i Kai | HI434882 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Lumaha'i Beach | HI889639 | Wet | N | ? | ? | ? | ***N*** | ? | ? | | 3,5 | L |
| C | Lydgate Park | HI798758 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Maha'ulepu Beach | HI533799 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Mana Point | HIW00184 | Dry | ? | A | A | A | A | A | A | | 2,3 | |
| C | Miloli'i | HI333210 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |

**Decision Codes: ?** = insufficient data, **A** = attained, **$A_T$** = attained (TMDL approved for parameter), **N** = not attained, **$N_T$** = not attained (TMDL approved for parameter), **V** = visual listing from 2001-2004, **Y** = previous listing from 1998 or earlier; **Category: 1** = all uses attained, **2** = some uses attained, **3** = not enough data to evaluate, **4** = at least one use not attained, but no TMDL needed, **4a** = TMDL approved, **5** = at least one use not attained, TMDL needed; **TMDL Priority Codes:** High (**H**), Medium (**M**), & Low (**L**) priority for initiating TMDL development within the current monitoring and assessment cycle (through October 31, 2013), based on current and projected resource availability for completing the TMDL development process; **IP** = TMDL development in progress; prior assessments confimed with new data are shaded; ***category changes are bold, italicized, underlined & shaded.***

| KAUAI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Moloa'a Bay | HI547745 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Na Pali Coast State Park | HI709808 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Nawiliwili Bay (Kalapaki Beach) | HIW00114 | Dry | ***A*** | A | N | A | ***N*** | N | N | | 2,5 | M |
| B | Nawiliwili Bay (Nawiliwili Harbor) | HIW00115 | Dry | A | A | N | A | ***N*** | ***A*** | N | | 2,5 | M |
| B | Nawiliwili Bay (Offshore) | HIW00116 | Wet | ? | ? | N | ? | N | N | N | | 3,5 | M |
| B | Nawiliwili Bay- from breakwater to shore | HIW00059 | Dry | ? | Y | Y | Y | Y | ? | ? | | 3,5 | M |
| C | Nu'alolo | HI945520 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Nukolii Beach Park | HI502794 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Pacific Missile Range Facility/Barking Sands Beach | HI176480 | Dry | A | ***A*** | ***A*** | ***A*** | ***N*** | ***A*** | ***A*** | | 2,***5*** | ***L*** |
| C | Pakala (Makaweli) | HI468251 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Palama Beach (Nomilu) | HI665178 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Papa'a Bay | HI130639 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Pila'a Beach | HI363048 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Po'ipu Beach Co. Park | HI396850 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Polihale State Park | HI247403 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Port Allen | HIW00185 | Wet | ? | A | A | A | ? | A | A | | 2,3 | |
| B | Port Allen Boat Harbor | HIW00120 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Port Allen Boat Harbor (Port Allen Pier) | HIW00026 | Wet | ? | A | ***A*** | A | N | A | N | | 2,3,5 | L |
| C | Prince Kuhio Park | HI742228 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Princeville | HI520271 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Salt Pond Beach Co. Park | HI701008 | Wet | A | A | N | A | ***N*** | N | N | | 2,5 | L |
| C | Sheraton Beach | HI542569 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Shipwreck Beach | HI358435 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Spouting Horn Beach Co. Park | HI951651 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Tunnels Beach | HI936087 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Wahiawa Bay | HIW00121 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |

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| KAUAI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| B | Wahiawa Bay | HI179708 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Waiakalua Iki Beach | HI505816 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Waiakalua Nui Beach | HI371632 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Waikoko Bay | HI330114 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| E | Waikoko Estuary | HIW00162 | NA | ***N*** | ***A*** | ***N*** | ***N*** | $N_T$ | ***A*** | ***N*** | | ***2***,4a,5 | TMDL approved 2008 (Turbidity) |
| C | Wailua (Wailua River Station) | HI606168 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Waimea Bay Beach (Near River Station) | HI862821 | Dry | N | ? | ? | ? | ? | ? | ? | | 3,5 | L |
| C | Waimea Bay Beach- near shore waters to 18' from Kekaha Oomano Point - 1.5 miles SE of Mahinaui Stream | HIW00057 | Dry | ? | ? | ? | ? | Y | ? | ? | TSS | 3,5 | L |
| C | Waimea Rec. Pier St. Park | HI245235 | Dry | N | ? | ? | ? | ***N*** | ? | ? | | 3,5 | L |
| C | Wainiha Bay | HI417823 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Wai'ohai Beach | HI392082 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| E | Waioli Stream Estuary | HIW00163 | NA | ***N*** | ***A*** | ***N*** | ***N*** | $N_T$ | ***A*** | ***N*** | | ***2***,4a,5 | TMDL approved 2008 (Turbidity) |
| E | Waipa Stream Estuary | HIW00164 | NA | ***N*** | ***A*** | ***A*** | ***N*** | $N_T$ | ***A*** | ***N*** | | ***2***,4a,5 | TMDL approved 2008 (Turbidity) |
| C | Waipouli Beach | HI682678 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |

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| OAHU Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| Ahuimanu | Stream | EN | 3-2-07.03 | Wet | ? | ? | ? | ? | V | ? | | 3,5 | L |
| Ahuimanu | Stream | EN | 3-2-07.03 | Dry | ? | ? | ? | ? | V | ? | | 3,5 | L |
| Aiea | Stream | EN | 3-4-03 | Wet | ? | N1c | N1c | ? | V | ? | Trash | 3,5 | H (IP) |
| Aiea | Stream | EN | 3-4-03 | Dry | ? | N1c | N1c | ? | V | ? | Trash | 3,5 | H (IP) |
| Anahulu | Estuary | EE | 3-6-08-E | | ? | V | V | V | V | ? | | 3,5 | L |
| Halawa | Stream | EN | 3-4-02 | | ? | V | V | V | V | ? | | 3,5 | H (IP) |
| Heeia | Stream | EN | 3-2-08 | Dry | ? | ***A*** | N | A | A | A | | 2,3,5 | L |
| Heeia | Stream | EN | 3-2-08 | Wet | ? | A | N | ***N*** | N | A | | 2,3,5 | L |
| Helemano | Stream | EN | 3-6-07.02 | | ? | V | V | V | V | ? | | 3,5 | L |
| Honouliuli | Stream | EN | 3-4-11 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Kaaawa | Stream | EN | 3-1-19 | | ? | V | V | V | V | ? | | 3,5 | L |
| Kaalaea | Stream | EN | 3-2-05 | Dry | ? | N | N | A | N | A | | 2,3,5 | L |
| Kaalaea | Stream | EN | 3-2-05 | Wet | ? | N | N | A | A | A | | 2,3,5 | L |
| Kaelepulu | Stream | EN | 3-2-14 | | ? | V | V | V | V | ? | | 3,5 | H (IP) |
| Kahaluu | Estuary | EE | 3-2-07-E | | ? | ? | ? | ? | V | ? | | 3,5 | L |
| Kahaluu | Stream | EN | 3-2-07.02 | Dry | ? | A | N | A | N | A | | 2,3,5 | L |
| Kahaluu | Stream | EN | 3-2-07.02 | Wet | ? | ? | ? | ? | V | ? | | 3,5 | L |
| Kahana | Stream | EN | 3-1-18 | Dry | ? | A | N | A | N | A | | 2,3,5 | M |
| 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 | L |
| Kaipapau | Stream | EN | 3-1-10 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Kalauao | Stream | EN | 3-4-04-01 | Dry | ? | N1 | N1 | ? | N | ? | | 3,5 | H (IP) |
| Kalauao | Stream | EN | 3-4-04-01 | Wet | ? | N | N | ? | Ac | ? | | 2,3,5 | H (IP) |

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| OAHU Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| Kalihi | Stream | EN | 3-3-11 | Dry | ? | ? | N | A | N | A | Trash | 2,3,5 | H |
| Kalihi | Stream | EN | 3-3-11 | Wet | ? | N | N | A | A | A | Trash | 2,3,5 | H |
| Kaluanui | Stream | EN | 3-1-13 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Kamooalii (Trib to Kaneohe Stream) | Stream | Kamooalii Trib | 3-2-10.01 | Dry | ? | $V_T$ | $V_T$ | $V_T$ | $N_T$ | $?_T$ | | 3,4a | TMDLs approved 2010 |
| Kamooalii (Trib to Kaneohe Stream) | Stream | Kamooalii Trib | 3-2-10.01 | Wet | ? | $V_T$ | $V_T$ | $V_T$ | $?_T$ | $?_T$ | | 3,4a | TMDLs approved 2010 |
| Kaneohe | Stream | EN | 3-2-10 | Dry | ? | $V_T$ | $V_T$ | $V_T$ | $N_T$ | $?_T$ | Dieldrin | 3,4a,5 | TMDLs approved 2010 (Nutrient & Sediment) |
| Kaneohe | Stream | EN | 3-2-10 | Wet | ? | $V_T$ | $V_T$ | $V_T$ | $N_T$ | $?_T$ | Dieldrin | 3,4a,5 | TMDLs approved 2010 (Nutrient & Sediment) |
| Kapaa | Stream | EN | 3-2-13-Kapaa | | ? | $V_T$ | $V_T$ | $V_T$ | $V_T$ | $V_T$ | Metals, Lead | 3,4a,5 | TMDLs approved 2007 (Nutrient & Sediment) |
| Kapakahi | Stream | EN | 3-4-Kapakahi | Wet | ? | N | N | N | ? | ? | Trash | 3,5 | H (IP) |
| Kapakahi | Stream | EN | 3-4-Kapakahi | Dry | ? | ? | ? | ? | V | ? | Trash | 3,5 | H (IP) |
| Kapalama | Stream | EN | 3-3-10 | | ? | V | V | V | V | ? | Trash | 3,5 | L |
| Kaukonahua | Stream | EN | 3-6-06.02 | Dry | ? | N | N | A | N1 | A | | 2,3,5 | M |
| Kaukonahua | Stream | EN | 3-6-06.02 | Wet | ? | N | N | A | N1 | A | | 2,3,5 | M |
| Kaupuni | Stream | EN | 3-5-05 | | ? | V | V | V | V | ? | Trash | 3,5 | L |
| Kawa | Stream | EN | 3-2-11 | | ? | $V_T$ | $V_T$ | $V_T$ | $V_T$ | $V_T$ | | 3,4a | TMDLs approved 2002, 2005 |

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| OAHU Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| Kawailoa | Stream | EN | 3-6-08.01 | | ? | V | V | V | V | ? | | 3,5 | L |
| 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 | L |
| Keaahala | Stream | EN | 3-2-09 | Wet | ? | N | N | A | A | A | Trash | 2,3,5 | L |
| Kiikii | Estuary | EE | 3-6-06-E | | ? | ? | ? | ? | ? | ? | | 3 | |
| Koloa | Stream | EN | 3-1-09 | Both | ? | ? | ? | ? | ? | ? | | 3 | |
| Makiki | Stream | EN | ALWS06 | Dry | ? | N | ? | N | ? | ? | | 3,5 | L |
| Manoa | Stream | EN | 3-3-07.01 | | ? | V | V | V | V | ? | Dieldrin, Chlordane | 3,5 | L |
| Maunawili | Stream | EN | 3-2-13.01 | | ? | V | V | V | V | ? | Trash | 3,5 | M |
| Moanalua | Stream | EN | 3-3-12.01 | Dry | ? | Nc | Ac | Ac | N1 | Ac | Trash | 2,3,5 | L |
| Moanalua | Stream | EN | 3-3-12.01 | Wet | ? | Nc | Ac | Ac | Ac | Ac | Trash | 2,3,5 | L |
| N. Fork Kaukonahua | Stream | EN | 3-6-06.02.2 | | ? | $V_T$ | $V_T$ | $V_T$ | $V_T$ | $?_T$ | | 3,4a | TMDLs approved 2010 |
| Nuuanu | Stream | EN | 3-3-09 | Dry | ? | N | N | N | N | N | Trash, Dieldrin, Chlordane | 3,5 | M |
| Nuuanu | Stream | EN | 3-3-09 | Wet | ? | N | N | A | N | A | Trash, Dieldrin, Chlordane | 2,3,5 | M |
| Opaeula | Stream | EN | 3-6-07.01 | | ? | V | V | V | V | ? | | 3,5 | L |

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| OAHU Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| Palolo | Stream | EN | 3-3-07.01.1 | | ? | ? | ? | ? | ? | ? | Trash | 3,5 | L |
| Paukauila | Estuary | EE | 3-6-07-E | | ? | V | V | V | V | ? | | 3,5 | L |
| Poamoho | Stream | EN | 3-6-06.01 | | ? | V | V | V | V | ? | | 3,5 | M |
| 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 | |
| S. Fork Kaukonahua | Stream | EN | 3-6-06.02.1 | | ? | $V_T$ | $V_T$ | $V_T$ | $V_T$ | $?_T$ | | 3,4a | TMDLs approved 2010 |
| Salt Lake | Lake | EL | 3-3-12-SaltLake | | ? | ? | ? | ? | N | ? | Trash | 3,5 | L |
| Wahiawa Reservoir | Reservoir | ER | 3-6-06.02-R | | ? | V | V | V | V | ? | | 3,5 | H (IP) |
| Waiahole | Stream | EN | 3-2-04 | Dry | ? | A | N | N | A | A | | 2,3,5 | L |
| Waiahole | Stream | EN | 3-2-04 | Wet | ? | Ac | Nc | Ac | Ac | Ac | | 2,3,5 | L |
| Waiawa | Stream | EN | 3-4-06 | Wet | ? | A | A | A | V | A | Trash | 2,3,5 | H (IP) |
| Waiawa | Stream | EN | 3-4-06 | Dry | ? | V | V | V | V | ? | Trash | 3,5 | H (IP) |
| Waihee | Stream | EN | 3-2-07.01 | Wet | ? | V | V | V | ? | ? | | 3,5 | L |
| Waihee | Stream | EN | 3-2-07.01 | Dry | ? | N | N | A | N | A | | 2,3,5 | L |
| Waikane | Stream | EN | 3-2-02 | Dry | ? | A | N | A | A | A | | 2,3,5 | L |
| Waikane | Stream | EN | 3-2-02 | Wet | ? | Ac | Nc | Ac | Ac | Ac | | 2,3,5 | L |
| Waikele | Stream | EN | 3-4-10 | Dry | ? | N1 | N1 | ? | ? | ? | | 3,5 | H (IP) |
| Waikele | Stream | EN | 3-4-10 | Wet | ? | N1 | N1 | ? | N | ? | | 3,5 | H (IP) |
| Wailele | Stream | EN | 3-1-08 | Wet | ? | ? | ? | ? | N1 | ? | | 3,5 | L |
| Waimalu | Stream | EN | 3-4-05 | Wet | ? | ? | ? | ? | N1 | ? | | 3,5 | H (IP) |

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| OAHU Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| Waimanalo | Stream | EN | 3-2-15 | | ? | $V_T$ | $V_T$ | $V_T$ | $V_T$ | $V_T$ | | 3,4a | TMDLs approved 2001 |
| Waimano | Stream | EN | 3-4-06.01 | | ? | ? | ? | ? | V | ? | | 3,5 | H (IP) |
| Waiola | Stream | EN | 3-2-07.04 | Wet | ? | ? | ? | ? | V | ? | | 3,5 | L |
| Waiola | Stream | EN | 3-2-07.04 | Dry | ? | ? | ? | ? | V | ? | | 3,5 | L |

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| OAHU Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Ala Moana Beach (Center) | HIW00001 | Wet | A | A | A | A | N | N | A | | 2,5 | L |
| C | Ala Moana Beach (Diamond Head) | HIW00002 | Wet | A | A | A | A | ***N*** | N | N | | 2,5 | L |
| C | Ala Moana Beach (Ewa) | HI473893 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Ala Wai Boat Harbor (Ala Moana Bridge Stn) | HIW00125 | Wet | N | N | ? | N | N | N | ? | | 3,5 | L |
| E | Ala Wai Canal and Boat Harbor | HIW00050 | NA | $V_T$ | $V_T$ | $V_T$ | $V_T$ | $V_T$ | ? | ? | Pathogens, Metals, TSS ($V_T$), Organochlorine Pesticides, Lead, Fish Consumption Advisory | 3,4a,5 | TMDLs completed (Canal Nutrients) L–Others |
| E | Ala Wai Canal and Harbor (Canal-Diamond Head Stn) | HIW00085 | NA | N | N | ? | N | N | N | ? | | 3,5 | L |
| E | Ala Wai Canal and Harbor (Manoa & Palolo KHS Stn) | HIW00036 | NA | ? | N | ? | N | N | N | ? | | 3,5 | L |
| E | Ala Wai Canal and Harbor (Manoa Stream Fork Stn) | HIW00035 | NA | ? | N | ? | ? | N | ? | ? | Fecal | 3,5 | L |
| E | Ala Wai Canal and Harbor (Manoa-Palolo Stream Mouth Station) | HIW00087 | NA | ? | N | ? | N | N | N | ? | | 3,5 | L |
| E | Ala Wai Canal and Harbor (McCully Bridge Stn) | HIW00086 | NA | N | ? | ? | ? | ? | ? | ? | | 3,5 | L |
| E | Ala Wai Canal and Harbor (Palolo Stream Fork) | HIW00034 | NA | ? | N | ? | ? | N | ? | ? | Fecal | 3,5 | L |
| C | Aukai Beach Co. Park | HI145110 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Banzai Beach | HI908378 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Barbers Point Beach Co. Park | HI593573 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Barbers Point Harbor | HIW00088 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Bellows Field Beach Co. Park (N. Runway) | HI798011 | Wet | N | ? | ? | ? | ? | ? | ? | | 3,5 | M |

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| C | Bellows Field Beach Co. Park (Waimanalo Stream Mouth) | HIW00081 | Wet | N | ***A*** | ***N*** | ***A*** | ? | ***N*** | ***N*** | | ***2***,3,5 | M |
| C | Camp Harold Erdman | HI309544 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Campbell Industrial | HIW00187 | Dry | ? | A | A | A | ***N*** | A | A | | 2,3,***5*** | ***L*** |
| C | Chun's Reef | HI950962 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Diamond Head | HI544313 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Ehukai Beach Co. Park | HI531535 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Ewa (Open Coastal) | HIW00189 | Wet | ***A*** | A | A | A | A | A | A | | 2 | |
| C | Ewa Beach | HI767464 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Ewa Beach Park | HI319095 | Wet | A | A | A | A | N | N | N | | 2,5 | L |
| C | Fort DeRussy Beach | HI045715 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Fort Hase Beach | HI410735 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Gray's Beach | HI941499 | Wet | A | N | ? | ? | N | N | ? | | 2,3,5 | L |
| B | Haleiwa Beach Park | HI994019 | Wet | A | N | ? | N | ? | N | ? | | 2,3,5 | L |
| B | Hale'iwa Boat Harbor | HIW00127 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Halona Cove | HI132946 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| P | Hammer Point | HIW00188 | NA | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Hanaka'ilio Beach | HI646411 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Hanauma Bay | HIW00058 | Dry | ? | ? | ? | ? | ? | ? | ? | Trash | 3,5 | M |
| B | Hanauma Bay (Beach) | HIW00096 | Dry | A | A | N | A | N | A | N | | 2,5 | M |
| O | Hanauma Bay (Oceanic) | HIW00017 | NA | ? | ? | N | ? | ? | N | N | | 3,5 | M |
| C | Hauula Beach Park | HI854492 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Hawaii Kai Station | HIW00117 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Hawaiian Electric Beach Park | HI628972 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Heeia Kea Small Boat Harbor | HIW00097 | Wet | A | N | ? | ? | ? | N | ? | | 2,3,5 | L |

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| B | Honolulu Harbor | HIW00100 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Honolulu Harbor & Shore Area-Honolulu Waterfront-Aloha Tower | HIW00061 | Wet | ? | ? | A | ? | A | ? | N | Trash | 2,3,5 | L |
| B | Honolulu Harbor & Shore Area-Kewalo Basin | HIW00051 | Wet | ? | Y | Y | Y | N | ? | ? | TSS (Y), Trash | 3,5 | L |
| B | Honolulu Harbor-near shore waters to 30' from 1 mile NW of Honolulu Harbor/Sand Island Channel to Waikiki Beach | HIW00049 | Wet | Y | Y | Y | Y | N | ? | ? | Pathogens, Metals, TSS (Y) | 3,5 | L |
| C | Ihilani Honu Lagoon | HI815093 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Ihilani Kohola Lagoon | HI515191 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Ihilani Naia Lagoon | HI685981 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Ihilani Ulua Lagoon | HI550240 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| P | Iroquois Point | HI412839 | NA | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kaaawa Beach Park | HI580360 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Ka'alawai Beach | HI253930 | Dry | N | ? | ? | ? | ? | ? | ? | | 3,5 | L |
| E | Kaelepulu Stream-Kailua Beach | HIW00182 | NA | N | N | ? | N | N | N | ? | | 3,5 | H (IP) |
| C | Ka'ena Point | HI645485 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kahala Beach Shoreline | HI514582 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kahala Hilton Beach | HI173325 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Kahana Bay Park | HIW00102 | Wet | N | N | ? | N | N | ? | ? | | 3,5 | M |
| B | Kahana Bay-near shore waters to 30' from Mahie Point to a point one mile north of Kahana Bay station | HIW00062 | Wet | ? | ? | ? | ? | N | ? | ? | TSS (Y) | 3,5 | M |
| B | Kahana Park | HIW00103 | Wet | N | ? | ? | ? | ? | ? | ? | | 3,5 | M |
| C | Kahanamoku Beach | HI366432 | Wet | A | A | A | A | ***N*** | N | A | | 2,5 | L |
| C | Kahanamoku Lagoon | HIW00003 | Wet | N | ? | ? | ? | ? | ? | ? | | 3,5 | L |

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| C | Kahe Point Beach Co. Park | HI548986 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kahuku Golf Course | HI989341 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Kaiaka Bay | HIW00106 | Wet | N | N | N | ? | N | N | N | | 3,5 | L |
| C | Kaihalulu Beach | HI668562 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kailua Bay (Open Coastal) | HIW00194 | Dry | A | A | A | A | A | A | A | | 2 | |
| C | Kailua Beach Park | HI482719 | Wet | A | A | A | A | N | N | N | | 2,5 | L |
| C | Kaiona Beach | HI234342 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kaipapa'u Beach | HI787959 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kakaako Waterfront | HI302297 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kalae oio Beach Park | HI860454 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kalama Beach | HI071892 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kaloko (Queens) Beach | HI353985 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kaluahole Beach | HI391176 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kaluanui Beach | HI410842 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kanenelu Beach | HI196120 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Kaneohe Bay (Beach Park) | HIW00004 | Wet | ? | N | ? | N | N | N | ? | | 3,5 | L |
| B | Kaneohe Bay (Central Region) | HIW00013 | Wet | ? | N | N | ? | N | ? | N | | 3,5 | L |
| B | Kaneohe Bay (Kokokahi Pier) | HIW00005 | Wet | N | N | ? | N | N | N | ? | | 3,5 | L |
| B | Kaneohe Bay (Northern Region) | HIW00012 | Wet | ? | N | N | ? | N | ? | N | | 3,5 | L |
| B | Kaneohe Bay (Southern Region) | HIW00011 | Wet | N | N | N | ? | N | ? | N | | 3,5 | L |
| B | Kaneohe Bay at Kualoa | HI272280 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Kaneohe Bay-near shore waters at mouths of Kaneohe and Kawa Streams | HIW00054 | Wet | ? | Y | Y | Y | N | ? | ? | TSS (Y) | 3,5 | L |

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| C | Kapaeloa Beach | HI904851 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kapi'olani Park | HI733929 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kapoho Point | HIW00192 | Dry | N | ? | ? | ? | ? | ? | ? | | 3,5 | L |
| C | Kaunala Beach | HI622160 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kaupo Beach Co. Park | HI791127 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kawaiku'i Beach Park | HI304424 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kawailoa Beach | HI312049 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kawela Bay | HI698581 | Dry | A | N | ? | N | N | N | ? | | 2,3,5 | L |
| C | Kea'au Beach Co. Park | HI730738 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kealia Beach | HI612698 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Keehi Lagoon | HIW00009 | Wet | N | ? | ? | ? | ? | ? | ? | | 3,5 | L |
| B | Keehi Lagoon (Point X) | HIW00010 | Wet | N | N | ? | N | ? | N | ? | | 3,5 | L |
| B | Keehi Lagoon waters and near shore waters to 30' from lagoon mouth to Pearl Harbor | HIW00055 | Wet | ? | Y | Y | Y | N | ? | ? | TSS (Y) | 3,5 | L |
| C | Kewalo Basin | HIW00126 | Wet | ? | N | ? | N | N | N | ? | | 3,5 | L |
| B | Ko Olina | HIW00089 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Koke'e Beach Park | HI147970 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Koko Kai Beach Park | HI467112 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kokololio Beach | HI767708 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kualoa Co. Regional Park | HI848207 | Wet | A | N | N | A | ***N*** | N | N | | 2,5 | L |
| C | Kualoa Sugar Mill Beach | HI484535 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kuhio Beach | HI681782 | Dry | A | A | N | A | ***N*** | N | N | | 2,5 | L |
| C | Kuhio Beach (Public Bath) | HI851298 | Dry | A | A | A | A | N | N | N | | 2,5 | L |
| C | Kuilei Cliffs | HI431723 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kuilei Cliffs Beach Park | HIW00064 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kuilima Cove | HI412224 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Kuli'ou'ou | HI360513 | Dry | N | ? | ? | ? | ? | ? | ? | | 3,5 | L |

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| B | Laenani Beach Co. Park | HI930562 | Wet | N | ? | ? | ? | ? | ? | ? | | 3,5 | L |
| C | Laie Bay | HI472847 | Dry | A | N | ? | N | N | N | ? | | 2,3,5 | L |
| C | Laniakea Beach | HI183312 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Lanikai Beach | HI596989 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Lanikai Boat Ramp | HIW00193 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Laniloa Peninsula (Beach) | HI201901 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Laukinui Beach | HI739818 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Lualualei Beach Co. Park | HI800877 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Magic Island | HI529142 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Ma'ili Beach Park | HI627464 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Maipalaoa Beach | HI280966 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Makaha Beach | HI632106 | Dry | A | A | N | A | N | N | N | | 2,5 | L |
| C | Makao Beach | HI147212 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Makapuu Beach | HI723399 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Makaua Beach Co. Park | HIW00066 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Makaua Beach Co. Park | HI542752 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Makua Beach | HI915061 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Malaekahana State Park | HI137325 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Mamala Bay (Fort Kamehameha Offshore) | HIW00190 | Wet | ? | A | A | A | A | A | A | | 2,3 | |
| O | Mamala Bay (Oceanic) | HIW00015 | NA | ? | N | ? | ? | ? | N | ? | | 3,5 | L |
| C | Mamala Bay (Sand Island Offshore) | HIW00014 | Wet | A | A | A | A | A | A | A | | 2 | |
| C | Manner's Beach | HI717740 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Mauna Lahilahi Beach | HI639551 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Maunalua Bay | HIW00016 | Dry | ? | N | N | ? | ? | N | N | | 3,5 | L |
| B | Maunalua Beach Park | HI423413 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |

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| C | Mikilua Beach Park | HIW00186 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Mokule'ia Beach | HI908786 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Mokule'ia Beach Co. Park | HI220308 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Nanaikapono Beach | HI504242 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Nanakuli Beach Park | HI467413 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Nimitz Beach | HI682233 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Niu | HI157026 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | North Beach | HI426406 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Ocean Pointe C | HIW00132 | Wet | ? | ***A*** | ***A*** | A | ***A*** | ***A*** | ***A*** | | 2,3 | |
| C | Ocean Pointe Control | HIW00129 | Wet | ? | ***A*** | ***A*** | A | N | N | A | | 2,3,5 | L |
| C | Ocean Pointe E | HIW00130 | Wet | ? | ***A*** | ***A*** | A | N | ***A*** | A | | 2,3,5 | L |
| C | Ocean Pointe W | HIW00131 | Wet | ? | ***A*** | ***A*** | A | N | N | A | | 2,3,5 | L |
| ***C*** | ***Ocean Pointe KA*** | ***HIW00210*** | ***Wet*** | ***?*** | ***A*** | ***A*** | ***A*** | ***N*** | ***N*** | ***A*** | | ***2,3,5*** | ***L*** |
| ***C*** | ***Ocean Pointe PR*** | ***HIW00211*** | ***Wet*** | ***?*** | ***A*** | ***A*** | ***A*** | ***N*** | ***A*** | ***A*** | | ***2,3,5*** | ***L*** |
| C | Ohikilolo Beach (Barking Sands) | HI731423 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Oneawa Beach | HI952205 | Dry | A | N | ? | N | N | N | ? | | 2,3,5 | L |
| C | Oneula Beach Park | HI825419 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Outrigger Canoe Club Beach | HI943325 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Pahipahi'alua Beach | HI575467 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Paiko Lagoon | HI598745 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Paiko Peninsula to Koko Head | HIW00118 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Papa'iloa Beach | HI478834 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Papaoneone Beach | HI990625 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| P | Pearl Harbor | HIW00006 | NA | ? | N | ? | N | A | N | ? | | 2,3,5 | H |

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| OAHU Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| P | Pearl Harbor-Harbor waters and near shore waters to 30' from Keehi Lagoon to Oneula Beach | HIW00119 | NA | ? | Y | Y | Y | N | ? | ? | TSS (Y), PCBs, Fish Consumption Advisory | 3,5 | H |
| C | Pipeline, The | HI188157 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Point Panic | HI197311 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Pokai Bay | HIW00007 | Dry | A | A | N | A | ? | N | N | | 2,3,5 | L |
| O | Pokai Bay (Oceanic) | HIW00019 | NA | ? | N | ? | ? | ? | N | ? | | 3,5 | L |
| C | Pokai Bay (Open Coastal) | HIW00018 | Dry | A | A | A | A | ***A*** | A | A | | 2 | |
| C | Pounders Beach | HI587568 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Punaluu Beach Park | HI148836 | Wet | N | ? | ? | ? | ? | ? | ? | | 3,5 | L |
| C | Pupukea Beach Co. Park | HI193495 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Pu'uiki | HI437024 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Pu'uohulu Beach | HI960731 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Queen's Surf Beach Park | HIW00069 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Royal-Moana Beach | HI898947 | Wet | A | A | N | A | ***N*** | N | N | | 2,5 | L |
| C | Sand Island (Shoreline) | HI714359 | Wet | A | A | N | A | N | N | A | | 2,5 | L |
| C | Sand Island Point #3 | HIW00181 | Wet | ? | N | ? | ? | N | N | ? | | 3,5 | L |
| C | Sandy Beach | HI776760 | Dry | A | N | N | A | N | N | N | | 2,5 | L |
| C | Sandy Beach (Open Coastal) | HIW00191 | Dry | ? | ***A*** | A | A | A | ? | A | | 2,3 | |
| C | Sans Souci | HI617815 | Dry | A | N | N | A | ***N*** | N | N | | 2,5 | L |
| C | Sunset Beach | HI860544 | Dry | A | A | N | A | ***N*** | N | N | | 2,5 | L |
| C | Swanzy Beach Co. Park | HI151343 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Tongg's | HI248913 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Turtle Bay | HI776670 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Ulehawa Beach | HI784010 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |

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| OAHU Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Wai'alae Beach Co. Park | HI997368 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Waiale'e | HI109657 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Waialua Bay | HI451176 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Waialua/Kaiaka Bays near shore waters to 60' from Puaena Point to a point 1.5 miles W of Kaiaka Point | HIW00083 | Wet | ? | Y | Y | Y | N | ? | ? | TSS (Y) | 3,5 | L |
| B | Waianae Boat Harbor | HIW00124 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Wai'anae Regional Park | HI668527 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Waikiki Beach Center | HI244505 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Wailupe Beach Park | HI432476 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Waimanalo Bay St. Rec. Area (Park) | HIW00008 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Waimanalo Bay Station (Waimanalo Beach Co. Park North) | HIW00175 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Waimanalo Beach Co. Park (South) | HIW00174 | Dry | A | N | N | A | ***N*** | N | N | | 2,5 | M |
| C | Waimea Bay | HIW00128 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | War Memorial Natatorium | HI624259 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Wawamalu Beach Park | HI329454 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | White Plains Beach | HI267023 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Yokohama Bay | HI269028 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |

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| MOLOKAI Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| 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 | L |
| Wailau | Stream | EN | 4-1-15 | | ? | ? | ? | ? | ? | ? | | 3 | |

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| MOLOKAI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Awahua Beach | HI702920 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Fagans Beach | HI571680 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Halawa Beach Park | HI928793 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Hale O Lono Harbor | HIW00090 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Halena Beach | HI417163 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Honouli Malo'o | HI783671 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Honouli Wai | HI376731 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Iliopi'i Beach | HI681345 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kahalepohaku Beach | HI191374 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kakahai'a Beach Park | HI939514 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kamaka'ipo Beach | HI923737 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kanalukaha Beach | HI559049 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kapukahehu Beach | HI941577 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kapukuwahine Beach | HI565164 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Kaunakakai Boat Harbor | HIW00109 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Kaunakakai Harbor | HIW00110 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kaunala Beach | HI726225 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kaupoa Beach | HI481092 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kawa'aloa Bay | HI384043 | Dry | ? | ? | ? | ? | V | ? | ? | | 3,5 | L |
| C | Kawakiunui | HI114962 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kepuhi Beach | HI287930 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kiowea Park (Kamehameha Coconut Grove) | HI206014 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kolo Wharf | HI928768 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Lighthouse Beach | HI934213 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |

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| MOLOKAI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Mo'omomi Beach | HI204811 | Dry | ? | ? | ? | ? | V | ? | ? | | 3,5 | L |
| C | Murphy Beach Park | HI138494 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Oneali'i Beach Park | HI904462 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Papaloa Beach | HI301825 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Papohaku Beach | HI556777 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Pelekunu | HI443237 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Pohaku Mauliuli Beach | HI268134 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Po'olau Beach | HI454004 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Puko'o | HI665969 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Sandy Beach | HI329518 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | South Molokai Coast-near shore waters to 18' from SW point-Waialua | HIW00052 | Dry | ? | Y | Y | Y | Y | ? | ? | TSS (Y) | 3,5 | L |
| C | Wailau | HI603285 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |

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| LANAI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Awehi | HIW00134 | Dry | ? | N | A | A | N | N | A | | 2,3,5 | L |
| C | Halepalaoa Beach | HI297944 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Hulupoe Bay | HIW00177 | Dry | ? | ***A*** | A | A | ***N*** | ***N*** | A | | 2,3,5 | L |
| C | Kahemano Beach | HI801428 | Dry | ? | A | A | A | N | A | N | | 2,3,5 | L |
| C | Kaluakoi Point to Huawai Bay | HIW00135 | Dry | ? | ***A*** | A | A | A | A | ***N*** | | 2,3,5 | L |
| B | Kaumalapau Harbor | HIW00108 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kaunolu Bay | HI923988 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kawaiu Gulch-Makole Point | HIW00133 | Dry | ? | A | A | A | A | N | A | | 2,3,5 | L |
| C | Keomuku Beach | HI854690 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Lopa Beach | HI735036 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Mahanalua | HIW00136 | Dry | ? | N | A | A | N | N | A | | 2,3,5 | L |
| C | Manele Bay Beach | HIW00178 | Dry | ? | A | A | A | A | A | A | | 2,3 | |
| B | Manele Boat Harbor | HIW00179 | Dry | ? | A | A | A | N | N | A | | 2,3,5 | L |
| C | Naha Beach | HI225961 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Polihua Beach | HI845453 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Puu Pehe Beach | HIW00180 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Shipwreck Beach | HI362906 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |

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| MAUI Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| 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 | M |
| 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 | M |
| 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 | M |
| Kahoma | Stream | EN | 6-1-05 | | ? | ? | ? | ? | V | ? | | 3,5 | M |
| 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 | |

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| MAUI Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| 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 | L |
| Makamakaole | Stream | EN | 6-2-06 | Wet | ? | A | A | A | A | A | | 2,3 | |
| Maliko | Stream | EN | 6-3-01 | Wet | ? | ? | ? | ? | N1 | ? | | 3,5 | L |
| 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 | L |
| 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 | L |
| Ukumehame | Stream | EN | 6-1-01 | Wet | ? | Ac | Ac | Ac | A | Ac | | 2,3 | |
| W. Wailuaiki | Stream | EN | 6-4-15 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Waiakamilo | Stream | EN | 6-4-13 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Waiehu | Stream | EN | 6-2-08 | | ? | ? | ? | ? | ? | ? | | 3 | |

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| MAUI Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| 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 | L |
| 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 | L |
| 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 | L |

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| MAUI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Ahihi-Kina'u Natural Area Reserve | HIW00084 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Alaeloa Beach | HI616569 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Awalua Beach | HI839739 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Father Jules Papa | HI525524 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Fleming Beach North | HI253548 | Dry | A | ? | ? | ? | N | N | ? | | 2,3,5 | M |
| C | H.A. Baldwin Beach Co. Park | HI846900 | Dry | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| C | Hamoa | HI287670 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Hana Bay | HI996835 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Hanaka'o'o Beach Co. Park | HI797917 | Dry | A | A | N | N | N | N | N | | 2,5 | M |
| C | Hanaka'o'o Station* | HIW00165 | Dry | ? | ? | N | ? | N | ? | ? | | 3,5 | M |
| C | Hata's | HI553820 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Honokeana Bay | HI229021 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Honokohau Bay | HI432902 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Honokowai Beach Co. Park | HI412391 | Dry | A | A | N | A | N | N | N | | 2,5 | M |
| C | Honokowai Point to Kaanapali | HIW00139 | Dry | ? | N | A | A | A | A | N | | 2,3,5 | M |
| C | Honolua Bay | HI280286 | Dry | A | N | N | N | ? | N | N | | 2,3,5 | L |
| C | Honomanu Bay | HI985873 | Wet | N | ? | ? | ? | ? | ? | ? | | 3,5 | L |
| C | Ho'okipa Beach Co. Park | HIW00024 | Dry | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| C | H-Poko Papa | HI901232 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Huakini Bay | HI385800 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Ka'anapali (Kahekili Beach) | HI643627 | ***Wet*** | A | A | ***A*** | A | N | A | ***A*** | | 2,5 | M |
| C | Ka'anapali (Sheraton Kaanapali Shoreline) | HIW00022 | Dry | A | ? | ? | ? | N | N | ? | | 2,3,5 | M |
| C | Kahana (Mahinahina Condo Shoreline) | HI160433 | Dry | A | N | N | N | N | N | N | | 2,5 | M |

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| MAUI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Kahului Bay | HIW00195 | Dry | ? | N | N | N | ? | N | N | | 3,5 | L |
| B | Kahului Harbor | HIW00104 | Dry | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| B | Kahului Harbor (Bay) | HIW00105 | Dry | ? | N | N | ? | N | N | N | | 3,5 | L |
| B | Kahului Harbor- inshore of breakwater | HIW00053 | Dry | ? | V | V | V | N | ? | ? | | 3,5 | L |
| C | Kaihalulu Bay | HI432263 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Ka'ili'ili Beach | HI641844 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kalama Beach Co. Park (Beach) | HIW00023 | Dry | A | N | N | N | N | N | N | | 2,5 | L |
| C | Kalama Beach Co. Park (Cove Park) | HI705118 | Dry | A | N | N | N | ***N*** | N | N | | 2,5 | L |
| C | Kalama Beach Station* | HIW00168 | Dry | ? | N | N | ? | N | N | N | | 3,5 | L |
| C | Kalepolepo (Waimahaihai) | HIW00141 | Dry | A | ***A*** | N | N | N | N | N | | 2,5 | L |
| C | Kalepolepo Beach | HI647373 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kamaole Beach 1 | HI761092 | Dry | A | A | N | ***A*** | N | N | N | | 2,5 | L |
| C | Kamaole Beach 2 | HI097179 | Dry | A | ? | ? | ? | N | N | ? | | 2,3,5 | L |
| C | Kamaole Beach 3 | HI496115 | Dry | A | ? | ? | ? | N | N | ? | | 2,3,5 | L |
| C | Kanaha Beach | HI797225 | Dry | A | ? | ? | N | N | N | ? | | 2,3,5 | L |
| C | Kanaha Beach (Kaa Shoreline) | HIW00020 | Dry | A | ? | ? | N | N | N | ? | | 2,3,5 | L |
| C | Kanaio Beach | HI404881 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kapalua (Fleming's) Beach | HI391006 | Dry | A | N | N | A | N | N | N | | 2,5 | M |
| C | Kapoli Beach Co. Park | HI599968 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kea'a Beach | HI593477 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Ke'anae | HI959746 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Keawakapu Beach | HI607763 | Dry | A | ? | ? | ? | N | N | ? | | 2,3,5 | L |
| C | Keonenui Beach | HI199865 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kihei Coast- near shore waters to 60' from Kihei North-Kalama Beach | HIW00056 | Dry | ? | Y | Y | Y | N | ? | ? | TSS (Y) | 3,5 | L |
| C | Kihei Coast-Cove Park* | HIW00167 | Dry | ? | N | N | ? | N | N | ? | | 3,5 | L |

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| MAUI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Kihei Coast-Estuary Boat Ramp | HIW00166 | Dry | ? | N | N | ? | N | ? | ? | | 3,5 | L |
| C | Kihei Coast-Kalepolepo | HIW00039 | Dry | ? | N | N | ? | N | N | ? | | 3,5 | L |
| E | Kihei Coast-Kaonoulu Estuary | HIW00040 | NA | ? | N | N | ? | N | N | ? | | 3,5 | L |
| E | Kihei Coast-Kealia Pond | HIW00070 | NA | ? | ? | ? | ? | ? | N | ? | | 3,5 | H |
| C | Kihei Coast-Keawakapu* | HIW00074 | Dry | ? | ? | N | ? | ? | N | ? | | 3,5 | L |
| C | Kihei Coast-Kulanihakoi | HIW00043 | Dry | ? | N | N | ? | N | N | N | | 3,5 | L |
| C | Kihei Coast-Lipoa-South | HIW00072 | Dry | ? | ? | ? | ? | N | N | ? | | 3,5 | L |
| C | Kihei Coast-Luana Kai | HIW00041 | Dry | ? | N | N | ? | N | N | N | | 3,5 | L |
| C | Kihei Coast-Maui Coast | HIW00073 | Dry | ? | ? | N | ? | N | N | ? | | 3,5 | L |
| C | Kihei Coast-Mokulele | HIW00042 | Dry | ? | N | N | ? | N | N | ? | | 3,5 | L |
| C | Kihei Coast-South Kam II | HIW00071 | Dry | ? | ? | N | ? | ? | N | ? | | 3,5 | L |
| C | Koki Beach Park (VFW) | HI650469 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Ku'au Bay | HI276573 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kuiaha Bay | HI852861 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | La Perouse Bay | HI674004 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Lahaina Beach | HI407363 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| B | Lahaina Harbor | HIW00137 | Dry | ? | ? | ? | ? | N | ? | ? | | 3,5 | M |
| C | Launiupoko St. Wayside Park | HI558359 | Dry | A | ? | ? | ? | N | ? | ? | | 2,3,5 | M |
| C | Leho'ula Beach | HI884223 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Lower Pa'ia (Pa'ia Outfall Station) | HI864937 | Dry | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| C | Ma'alaea Beach | HI058731 | Dry | A | ? | ? | ? | N | N | ? | | 2,3,5 | L |
| B | Ma'alaea Boat Harbor Station* | HIW00082 | Dry | ? | N | N | ? | N | N | ? | | 3,5 | L |
| B | Ma'alaea Small Boat Harbor | HIW00140 | Dry | ? | ? | ? | ? | N | N | ? | | 3,5 | L |
| C | Mai Poina Oe Iau Beach Co. Park | HIW00025 | Dry | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| C | Mai Poina Oe Iau Beach Co. Park (Kihei N. Station) | HI715975 | Dry | A | ? | ? | N | N | N | ? | | 2,3,5 | L |
| C | Maka'alae Point | HI978171 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |

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| C | Makena Landing Beach | HI245556 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Makena Landing-Maluaka Beach | HIW00142 | Dry | ? | N | N | A | ***N*** | ***A*** | N | | 2,3,5 | L |
| C | Mala Wharf | HIW00171 | Dry | N | ? | ? | N | N | N | ? | | 3,5 | M |
| C | Mala Wharf Area | HIW00138 | Dry | ? | N | N | A | N | N | N | | 2,3,5 | L |
| C | Mala Wharf-West Maui Coast | HIW00123 | Dry | ? | ? | ? | ? | N | N | ? | | 3,5 | M |
| C | Maliko Bay | HI423064 | Dry | N | ? | ? | ? | ***N*** | ? | ? | | 3,5 | L |
| C | Malu'aka Beach | HI847607 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Mantokuji Bay | HI482300 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | McGregor Point | HI227321 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Mokapu Beach Park | HI861961 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Mokulau | HI519980 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Mokule'ia Beach | HI977299 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Nahiku | HI983172 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Napili Bay | HI764060 | Dry | A | A | N | N | ? | N | N | | 2,3,5 | L |
| C | Nu'u Bay | HI176594 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Olowalu (Shorefront) | HIW00021 | Dry | A | ? | ? | ? | N | N | ? | | 2,3,5 | L |
| C | Olowalu (Teen Challenge) | HI491359 | Dry | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| C | Oneloa Bay Beach | HI740710 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Oneloa Beach (Big Beach) (Makena Beach Station) | HI279887 | Dry | A | ? | ? | ? | N | N | ? | | 2,3,5 | L |
| C | Oneloa Beach (Big Beach)-Ahihi-Kinau | HIW00144 | Dry | ? | N | N | A | A | ***A*** | N | | 2,3,5 | L |
| C | Oneuli Beach | HI756040 | Dry | A | N | N | ***N*** | A | ***A*** | N | | 2,5 | L |
| C | Palauea Beach Park | HI997014 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Papalaua | HI462219 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Pepeiaolepo Bay | HI136430 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |

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| MAUI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Polo Beach Park | HI339656 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Po'olenalena Beach | HI684864 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Poolenalena-Makena Landing | HIW00143 | Dry | ? | N | N | A | ***N*** | ***A*** | N | | 2,3,5 | L |
| C | Puamana Beach Co. Park | HI167153 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Punalau | HI641109 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Pu'u ola'i (Small Beach) | HI157533 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Pu'unoa Beach | HI373055 | Dry | A | ? | ? | ? | N | ? | ? | | 2,3,5 | M |
| C | Spreckelsville | HI789952 | Dry | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| C | Ukumehame Beach Co. Park | HI814309 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Ulua Beach Park | HI588333 | Dry | A | ? | ? | ? | N | N | ? | | 2,3,5 | L |
| C | Wahikuli State Wayside Park | HI169380 | Dry | A | ? | ? | ? | N | N | ? | | 2,3,5 | M |
| C | Wai'anapanapa State Park | HI118874 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Waiehu Beach Co. Park | HI916183 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Waihe'e | HI343702 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Waikoloa Beach | HI796679 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Wailea Beach Park | HI278988 | Dry | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| C | Waimaha'ihai Beach | HI236756 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Waipulani | HI284036 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | West Maui Coast-Hanakeana Cove | HIW00044 | Dry | ? | N | N | ? | N | N | ? | | 3,5 | M |
| C | West Maui Coast-Kahana Cove | HIW00045 | Dry | ? | N | N | ? | N | N | ? | | 3,5 | M |
| C | West Maui Coast-Kahana Sunset | HIW00075 | Dry | ? | ? | N | ? | N | N | ? | | 3,5 | M |
| C | West Maui Coast-Kahana Village | HIW00076 | Dry | ? | ? | ? | ? | N | N | ? | | 3,5 | M |
| C | West Maui Coast-Kaopala Bay | HIW00046 | Dry | ? | N | N | ? | N | N | N | | 3,5 | M |
| C | West Maui Coast-Lokelani | HIW00077 | Dry | ? | ? | N | ? | N | N | ? | | 3,5 | M |
| C | West Maui Coast-Napili Bay | HIW00078 | Dry | ? | ? | N | ? | N | N | ? | | 3,5 | M |
| C | West Maui Coast-near shore waters to 60' from Honolua-Lahaina | HIW00060 | | ? | Y | Y | Y | N | ? | ? | TSS (Y) | 3,5 | M |

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| MAUI Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | West Maui Coast-S-Turns (Pohaku) | HIW00047 | | ? | N | N | ? | N | N | ? | | 3,5 | M |
| C | West Maui-Honokowai Watershed | HIW00208 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | West Maui-Kahana Watershed | HIW00207 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | West Maui-Papakea | HIW00079 | Dry | ? | ? | ? | ? | N | N | ? | | 3,5 | M |
| C | West Maui-Puamana | HIW00080 | Dry | ? | ? | ? | ? | N | N | ? | | 3,5 | M |
| C | West Maui-Wahikuli Watershed | HIW00209 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |

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| HAWAII (BIG ISLAND) Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| Aamakao | Stream | EN | 8-1-12 | Dry | ? | A | A | A | N | A | | 2,3,5 | L |
| 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 | H (IP) |
| Hakalau | Stream | EN | 8-2-32 | | ? | V | V | V | V | ? | | 3,5 | M |
| Halawa | Stream | EN | 8-1-11 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Halelua | Stream | EN | 8-1-10 | Wet | ? | ? | ? | ? | N1c | ? | | 3,5 | L |
| 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 | L |
| 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 | L |
| 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 | L |
| 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 | L |
| 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 | |
| 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 | L |
| Lalakea | Stream | EN | 8-1-45 | Wet | ? | Ac | Ac | Ac | A | Ac | | 2,3 | |
| Maili | Stream | EN | 8-2-57 | Dry | ? | Ac | Ac | Ac | N | Ac | | 2,3,5 | L |

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| HAWAII (BIG ISLAND) Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| 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 | L |
| 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 | H (IP) |
| Waialeale | Stream | EN | 8-1-50 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Waikama | Stream | EN | 8-1-14 | Dry | ? | A | A | A | N | A | | 2,3,5 | L |
| 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 | M |
| Wailoa/Waipio | Stream | EN | 8-1-44 | Dry | ? | N | N | N | A | A | | 2,3,5 | L |
| Wailoa/Waipio | Stream | EN | 8-1-44 | Wet | ? | Nc | N1 | Ac | A | Ac | | 2,3,5 | L |
| Wailuku | Stream | EN | 8-2-60 | Dry | ? | A | N | A | A | A | | 2,3,5 | L |
| 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 | L |
| Waipunahoe | Stream | EN | 8-1-49 | | ? | ? | ? | ? | ? | ? | | 3 | |
| Waipunalau | Stream | EN | 8-1-77 | | ? | ? | ? | ? | ? | ? | | 3 | |

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| HAWAII (BIG ISLAND) Stream Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Assessed Water Body** | **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Season** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **TSS** | **Other Pollutants** | **Category** | **TMDL Priority** |
| Waiulili | Stream | EN | 8-1-47 | Dry | ? | ? | ? | ? | ? | ? | | 3 | |
| Waiulili | Stream | EN | 8-1-47 | Wet | ? | ? | ? | ? | Ac | ? | | 2,3 | |

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| HAWAII (BIG ISLAND) Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| K | 2nd Beach (next to Mahaiula) | HI616452 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| K | Anaeho'omalu Bay | HI326172 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Analani Pond (Puala'a) | HI707059 | Dry | ***N*** | ? | ? | ? | ***N*** | ? | ? | | 3,***5*** | ***L*** |
| K | Banyan's Surfing Area | HI713314 | NA | ***A*** | ? | ? | ? | ***N*** | ? | ? | | ***2***,3,5 | L |
| C | Hakalau Co. Park | HI138086 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Halape Shelter | HI645539 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Hapuna Beach St. Recreation Area | HI621002 | NA | A | N | N | N | N | N | N | | 2,5 | L |
| B | Hilo Bay (Boat Landing) | HIW00027 | Wet | A | ? | ? | ? | ***N*** | N | ? | | 2,3,5 | L |
| B | Hilo Bay (Canoe Beach) | HI315019 | Wet | A | N | N | N | N | A | ***A*** | | 2,5 | L |
| B | Hilo Bay (Coconut Isle) | HI977673 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| B | Hilo Bay (Exit of Ice Pond) | HI659453 | Wet | A | N | N | N | ***A*** | A | A | | 2,5 | L |
| B | Hilo Bay (Lighthouse) | HIW00028 | Wet | ***N*** | ***N*** | N | ***N*** | N | A | N | | 2,5 | L |
| B | Hilo Bay (Offshore) | HIW00031 | Wet | ? | ? | N | ? | N | N | N | | 3,5 | L |
| B | Hilo Bay-inshore of breakwater and near shore waters from Wainaku to Paukaa | HIW00098 | Wet | ? | V | V | V | N | ? | ? | | 3,5 | L |
| K | Holoholokai | HI582331 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| K | Honaunau Bay | HIW00176 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Honaunau Bay (2 Step) | HI246645 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| K | Honokohau Beach | HI315174 | NA | ? | N | N | N | N | A | N | $PO_4$(N) | 2,3,5 | L |
| B | Honokohau Boat Harbor | HIW00099 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Honoli'i Beach Co. Park | HI857411 | Wet | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| C | Ho'okena | HI152572 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| E | James Kealoha Park | HI670254 | NA | A | ? | ? | ? | ***A*** | ? | ? | | 2,3 | |
| K | Kahalu'u Beach Co. Park | HI013290 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |

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| HAWAII (BIG ISLAND) Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| K | Kahoiawa Bay | HIW00150 | NA | ? | N | A | A | N | A | A | | 2,3,5 | L |
| K | Kahoiawa Bay-Makalawena | HIW00151 | NA | ? | N | A | A | N | A | A | | 2,3,5 | L |
| K | Kahuwai Bay | HI990843 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Kahuwai Bay-Mano Point | HIW00153 | NA | ? | N | A | ***N*** | N | A | A | $PO_4$(***N***) | 2,3,5 | L |
| K | Kailua Bay | HI753566 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| K | Kakapa Bay | HIW00152 | NA | ? | N | A | A | N | A | A | | 2,3,5 | L |
| C | Ka Lae (South Point) | HI107517 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kalapana Beach (new)<br>(Harry K. Brown Beach Co. Park) | HI542822 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| K | Kaluhika'a Beach | HI327989 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Kamakaokahonu | HIW00032 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| K | Kamakaokahonu (Kailua Pier A-1) | HI261474 | NA | A | ? | ? | N | ***N*** | ? | ? | | 2,3,5 | L |
| K | Kamoa Point | HI602472 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kapoho Bay | HI391407 | Dry | ***A*** | ? | ? | ? | ***N*** | ? | ? | | ***2***,3,5 | L |
| C | Kapoho Beach Lots | HIW00196 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kapoho Tidepools (Vacationland) | HI122881 | Dry | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| C | Kapu'a Bay | HIW00067 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kauilii Point-Kapaa Beach Park | HIW00201 | Dry | ? | N | ***A*** | A | A | N | N | | 2,3,5 | L |
| O | Kauilii Point-Kapaa Beach Park (Oceanic) | HIW00202 | NA | ? | N | A | N | N | N | A | | 2,3,5 | L |
| K | Kauna'oa Beach | HI261869 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| K | Ka'upulehu | HI770607 | NA | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kawa Bay | HI535602 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| B | Kawaihae Harbor | HI978783 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| B | Kawaihae Harbor/Pelekane Bay | HIW00155 | Dry | ? | ? | ? | ? | N | ? | ? | | 3,5 | L |
| K | Keahole Point | HIW00203 | NA | ? | A | A | ***N*** | ***A*** | A | ***A*** | $PO_4$(A) | 2,3,5 | L |
| K | Kealakekua Bay | HIW00149 | NA | ? | N | N | N | N | A | A | $PO_4$(N) | 2,3,5 | L |
| K | Kealakekua Bay (off Curio Stand) | HIW00183 | NA | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |

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| HAWAII (BIG ISLAND) Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Kealia Beach | HI514168 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Keauhou Bay (Kona) | HI713293 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| E | Keaukaha Beach Park | HI849313 | NA | A | ? | ? | ? | ***A*** | ? | ? | | 2,3 | |
| K | Keawaiki | HI929053 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Ke'ei | HI858729 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Kehena | HI459942 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Keokea Beach Co. Park | HI784200 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Keone'ele Cove | HI559410 | NA | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Kolekole Beach Co. Park | HI693485 | Wet | A | ? | ? | ? | N | ? | ? | | 2,3,5 | L |
| K | Kuki'o Bay | HIW00154 | NA | ? | N | N | N | N | A | N | $PO_4$(N) | 2,3,5 | L |
| C | Kulaimano | HIW00204 | Wet | ? | A | A | A | A | A | A | | 2,3 | |
| C | Lapakahi St. Hist. Park | HI490010 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Laupahoehoe Beach Co. Park | HI380623 | Wet | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| E | Lehia Beach | HI691720 | NA | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| E | Leleiwi Beach Co. Park | HI540868 | NA | A | ? | ? | N | ***A*** | ? | ? | | 2,3,5 | L |
| E | Leleiwi Beach Co. Park (Richardson Ocean Center) | HIW00030 | NA | A | ? | ? | ? | ***A*** | N | ? | | 2,3,5 | L |
| K | Mahai'ula Bay | HI694255 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Mahukona Beach Co. Park | HI273526 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Mahukona Harbor | HIW00197 | Dry | ? | N | N | ***N*** | N | N | N | | 3,5 | L |
| O | Mahukona Harbor (Oceanic) | HIW00198 | NA | ? | N | A | N | N | N | A | | 2,3,5 | L |
| K | Makalawena | HI901744 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Makaohule Point-Kauilii Point | HIW00199 | Dry | ? | N | N | A | A | N | N | | 2,3,5 | L |
| O | Makaohule Point-Kauilii Point (Oceanic) | HIW00200 | NA | ? | N | A | N | N | N | A | | 2,3,5 | L |
| K | Makole'a Beach | HI223059 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Manini Point Co. Park | HI379764 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Manini'owali | HI720408 | NA | A | N | A | ***N*** | N | A | A | $PO_4$(***N***) | 2,5 | L |
| K | Mauna Lani (Kalahuipua'a) | HI890924 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |

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| HAWAII (BIG ISLAND) Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| K | Mau'umae Beach | HI120357 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Miloli'i Beach | HI470112 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Ninole | HI124561 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Ohai'ula Beach | HI143737 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Old Kona Airport St. Recreation Area | HI256093 | NA | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Onekahakaha Beach Co. Park | HI862286 | Wet | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Onekahakaha Beach Co. Park (Puhi Bay #3) | HIW00029 | Wet | A | ? | ? | ? | N | N | ? | | 2,3,5 | L |
| K | Paaoao Point to Keawekaheka Point | HIW00145 | NA | ? | N | A | A | A | A | A | $PO_4$(A) | 2,3,5 | L |
| K | Pahoehoe Beach Co. Park | HI935352 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Papa'i (King's Landing) | HI112071 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Pelekane Bay | HI738158 | NA | ***A*** | N | N | N | ***N*** | N | N | | ***2***,5 | L |
| K | Pine Trees | HI320616 | NA | A | N | A | A | ***N*** | A | A | $PO_4$(A) | 2,5 | L |
| K | Pine Trees-Honokohau | HIW00146 | NA | ? | N | N | N | N | A | N | $PO_4$(N) | 2,3,5 | L |
| C | Pohoiki Beach | HI316864 | Dry | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| C | Pololu Valley | HI183806 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Puako | HI668132 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| K | Puako Bay | HIW00033 | NA | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| K | Pueo Bay | HI930479 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| C | Puhi Bay | HIW00206 | Wet | ***A*** | A | ***N*** | A | A | A | A | | 2,***5*** | ***L*** |
| C | Punalu'u | HI224651 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| K | Pu'uhonua o Honaunau | HI478461 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| E | Radio Bay | HI425303 | NA | A | ? | ? | ? | ? | ? | ? | | 2,3 | |
| C | Road to the Sea | HI849236 | Dry | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Spencer Beach Co. Park | HI936372 | NA | A | ? | ? | ? | N | N | ? | | 2,3,5 | L |
| K | Waialea Bay | HI381812 | NA | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| E | Wailoa River (Boat Ramp) | HIW00172 | NA | N | N | N | N | ? | ? | N | | 3,5 | M |
| C | Waipahi Point | HIW00205 | Wet | ? | A | A | A | A | A | A | | 2,3 | |

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| HAWAII (BIG ISLAND) Marine Waters | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Body Type** | **Scope of Assessment** | **Geocode ID** | **Wet/Dry Criteria** | **Enterococci** | **Total N** | **$NO_3$+$NO_2$** | **Total P** | **Turbidity** | **Chl-*a*** | **$NH_4$** | **Other Pollutants** | **Category** | **TMDL Priority** |
| C | Waipi'o Bay | HI534434 | Wet | ? | ? | ? | ? | ? | ? | ? | | 3 | |
| K | Waiulaula | HI934020 | NA | A | N | N | N | ***N*** | N | N | | 2,5 | L |
| K | Waiulua Bay to Anaehoomalu Bay | HIW00148 | NA | ? | N | N | N | N | ***A*** | N | $PO_4$(N) | ***2***,3,5 | L |
| K | Wawaloli Beach | HI643938 | NA | A | ? | ? | ? | ***N*** | ? | ? | | 2,3,***5*** | ***L*** |
| K | Wawaloli Beach-Pine Trees | HIW00147 | NA | ? | N | A | A | N | A | A | $PO_4$(N) | 2,3,5 | L |
| K | White Sands Beach Co. Park (Magic Sands) | HI436267 | NA | A | ? | ? | ? | N | N | ? | | 2,3,5 | L |
| C | Whittington Beach Co. Park | HI720900 | Dry | A | ? | ? | ? | ? | ? | ? | | 2,3 | |

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# APPENDIX A

**Table 9.** Coastal sampling stations grouped with associated 12-unit hydrologic unit code (HUC) watershed. Listed water bodies are sorted by island, north to south.

| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Kauai | Anahola Stream | Aliomanu Beach | HI710019 |
| Kauai | Anahola Stream | Anahola Beach | HI823433 |
| Kauai | Anahola Stream | Anahola Beach | HI270737 |
| Kauai | Kalihiwai River | Anini Beach | HI338804 |
| Kauai | Kalihiwai River | Anini Beach Park | HI418744 |
| Kauai | Waikomo Stream | Beach House Beach | HI156238 |
| Kauai | Hanalei River | Black Pot Beach Park | HI891354 |
| Kauai | Waikomo Stream | Brennecke Beach | HI166521 |
| Kauai | Anahola Stream | Donkey Park | HI853903 |
| Kauai | Waikomo Stream | Gillin's Beach | HI976083 |
| Kauai | Wahiawa Stream-Lawai Stream | Glass Beach | HI949505 |
| Kauai | Kalalau Stream-Hanakapiai Stream | Haena Beach Park | HI554189 |
| Kauai | Kalalau Stream-Hanakapiai Stream | Hanakapi'ai Beach | HI797414 |
| Kauai | Hanalei River | Hanalei Bay (Landing) | HIW00093 |
| Kauai | Hanalei River | Hanalei Bay (Pavilion) | HIW00092 |
| Kauai | Hanalei River | Hanalei Bay (Waioli Beach) | HIW00091 |
| Kauai | Hanalei River | Hanalei Bay Mooring Station* | HIW00157 |
| Kauai | Hanalei River | Hanalei Bay upstream of Dolphin* | HIW00160 |
| Kauai | Hanalei River | Hanalei River | HI385259 |
| Kauai | Hanamaulu Stream | Hanama'ulu Bay | HIW00063 |
| Kauai | Hanamaulu Stream | Hanama'ulu Bay (Beach) | HIW00094 |
| Kauai | Wahiawa Stream-Lawai Stream | Hanapepe Bay | HIW00095 |
| Kauai | Aakukui Valley-Mahinauli Gulch | Hanapepe Bay- from breakwater to shore and near shore waters to 30' from Puolo Point to Paakehi Point | HIW00048 |
| Kauai | Waikomo Stream | Haula Beach | HI277808 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Kauai | Kilauea Stream | Kahili Beach | HI533519 |
| Kauai | Kalalau Stream-Hanakapiai Stream | Kalalau Beach | HI908803 |
| Kauai | Kalihiwai River | Kalihiwai Bay | HI264001 |
| Kauai | Kapaa Stream | Kapa'a Beach Co. Park | HI972832 |
| Kauai | Kalihiwai River | Kauapea Beach (Secret Beach) | HI669328 |
| Kauai | Waikomo Stream | Kawailoa Beach | HI698776 |
| Kauai | Kapaa Stream | Kealia | HI402035 |
| Kauai | Kalalau Stream-Hanakapiai Stream | Kee Beach | HI124511 |
| Kauai | Waieli Draw | Kekaha Beach Co. Park | HI530569 |
| Kauai | Wainiha River | Kepuhi Beach | HI344813 |
| Kauai | Kalalau Stream-Hanakapiai Stream | Kepuhi Beach | HI344813 |
| Kauai | Waieli Draw | Kikiaola Beach | HI119207 |
| Kauai | Waieli Draw | Kikiaola Boat Harbor | HIW00112 |
| Kauai | Kilauea Stream | Kilauea Point National Wildlife Refuge | HI471488 |
| Kauai | Kalihiwai River | Kilauea Point National Wildlife Refuge | HI471488 |
| Kauai | Waikomo Stream | Kipu Kai | HI266627 |
| Kauai | Waikomo Stream | Koloa Landing | HI955435 |
| Kauai | Waikomo Stream | Kukuiula Bay | HIW00113 |
| Kauai | Waikomo Stream | Kukui'ula Bay | HI619039 |
| Kauai | Kilauea Stream | Larsens Beach | HI860960 |
| Kauai | Wahiawa Stream-Lawai Stream | Lawa'i Kai | HI434882 |
| Kauai | Lumahai River | Lumaha'i Beach | HI889639 |
| Kauai | Hanamaulu Stream | Lydgate Park | HI798758 |
| Kauai | Waikomo Stream | Maha'ulepu Beach | HI533799 |
| Kauai | Waieli Draw | Mana Point | HIW00184 |
| Kauai | Nualolo Valley | Miloli'i | HI333210 |
| Kauai | Kilauea Stream | Moloa'a Bay | HI547745 |
| Kauai | Nualolo Valley | Na Pali Coast State Park | HI709808 |
| Kauai | Kalalau Stream-Hanakapiai Stream | Na Pali Coast State Park | HI709808 |
| Kauai | Papakolea Stream-Nawiliwili Stream | Nawiliwili Bay (Kalapaki Beach) | HIW00114 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Kauai | Papakolea Stream-Nawiliwili Stream | Nawiliwili Bay (Nawiliwili Harbor) | HIW00115 |
| Kauai | Papakolea Stream-Nawiliwili Stream | Nawiliwili Bay (Offshore) | HIW00116 |
| Kauai | Papakolea Stream-Nawiliwili Stream | Nawiliwili Bay- from breakwater to shore | HIW00059 |
| Kauai | Nualolo Valley | Nu'alolo | HI945520 |
| Kauai | Hanamaulu Stream | Nukolii Beach Park | HI502794 |
| Kauai | Waieli Draw | Pacific Missile Range Facility | HI176480 |
| Kauai | Aakukui Valley-Mahinauli Gulch | Pakala (Makaweli) | HI468251 |
| Kauai | Wahiawa Stream-Lawai Stream | Palama Beach (Nomilu) | HI665178 |
| Kauai | Anahola Stream | Papa'a Bay | HI130639 |
| Kauai | Kilauea Stream | Pila'a Beach | HI363048 |
| Kauai | Waikomo Stream | Po'ipu Beach Co. Park | HI396850 |
| Kauai | Kahelunui Valley | Polihale State Park | HI247403 |
| Kauai | Hanapepe River | Port Allen | HIW00185 |
| Kauai | Hanapepe River | Port Allen Boat Harbor | HIW00120 |
| Kauai | Hanapepe River | Port Allen Boat Harbor (Port Allen Pier) | HIW00026 |
| Kauai | Waikomo Stream | Prince Kuhio Park | HI742228 |
| Kauai | Hanalei River | Princeville | HI520271 |
| Kauai | Aakukui Valley-Mahinauli Gulch | Salt Pond Beach Co. Park | HI701008 |
| Kauai | Waikomo Stream | Sheraton Beach | HI542569 |
| Kauai | Waikomo Stream | Shipwreck Beach | HI358435 |
| Kauai | Waikomo Stream | Spouting Horn Beach Co. Park | HI951651 |
| Kauai | Kalalau Stream-Hanakapiai Stream | Tunnels Beach | HI936087 |
| Kauai | Wahiawa Stream-Lawai Stream | Wahiawa Bay | HI179708 |
| Kauai | Wahiawa Stream-Lawai Stream | Wahiawa Bay | HIW00121 |
| Kauai | Kilauea Stream | Waiakalua Iki Beach | HI505816 |
| Kauai | Kilauea Stream | Waiakalua Nui Beach | HI371632 |
| Kauai | Hanalei River | Waikoko Bay | HI330114 |
| Kauai | Hanalei River | Waikoko Estuary | HIW00162 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Kauai | North Fork Wailua River | Wailua (Wailua River Station) | HI606168 |
| Kauai | Waimea River | Waimea Bay Beach (Near River Station) | HI862821 |
| Kauai | Waieli Draw | Waimea Bay Beach- nearshore waters to 18' from Kekaha Oomano Point - 1.5 miles SE of Mahinaui Stream | HIW00057 |
| Kauai | Waimea River | Waimea Rec. Pier St. Park | HI245235 |
| Kauai | Wainiha River | Wainiha Bay | HI417823 |
| Kauai | Waikomo Stream | Wai'ohai Beach | HI392082 |
| Kauai | Hanalei River | Waioli Stream Estuary | HIW00163 |
| Kauai | Hanalei River | Waipa Stream Estuary | HIW00164 |
| Kauai | Kapaa Stream | Waipouli Beach | HI682678 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Oahu | Ala Wai Canal | Ala Moana Beach (Center) | HIW00001 |
| Oahu | Ala Wai Canal | Ala Moana Beach (Diamond Head) | HIW00002 |
| Oahu | Ala Wai Canal | Ala Moana Beach (Ewa) | HI473893 |
| Oahu | Ala Wai Canal | Ala Wai Boat Harbor (Ala Moana Bridge Station) | HIW00125 |
| Oahu | Ala Wai Canal | Ala Wai Canal and Boat Harbor | HIW00050 |
| Oahu | Ala Wai Canal | Ala Wai Canal and Harbor (Canal-Diamond Head Station) | HIW00085 |
| Oahu | Ala Wai Canal | Ala Wai Canal and Harbor (Manoa & Palolo KHS Station) | HIW00036 |
| Oahu | Ala Wai Canal | Ala Wai Canal and Harbor (Manoa Stream Fork Station) | HIW00035 |
| Oahu | Ala Wai Canal | Ala Wai Canal and Harbor (Manoa-Palolo Stream Mouth Station) | HIW00087 |
| Oahu | Ala Wai Canal | Ala Wai Canal and Harbor (McCully Bridge Station) | HIW00086 |
| Oahu | Ala Wai Canal | Ala Wai Canal and Harbor (Palolo Stream Fork) | HIW00034 |
| Oahu | Punaluu Stream | Aukai Beach Co. Park | HI145110 |
| Oahu | Paumalu Stream | Banzai Beach | HI908378 |
| Oahu | Waimanalo Gulch | Barbers Point Beach Co. Park | HI593573 |
| Oahu | Waimanalo Gulch | Barbers Point Harbor | HIW00088 |
| Oahu | Waimanalo Stream | Bellows Field Beach Co. Park (N. Runway) | HI798011 |
| Oahu | Waimanalo Stream | Bellows Field Beach Co. Park (Waimanalo Stream Mouth) | HIW00081 |
| Oahu | Makaleha Stream | Camp Harold Erdman | HI309544 |
| Oahu | Waimanalo Gulch | Campbell Industrial | HIW00187 |
| Oahu | Anahulu River | Chun's Reef | HI950962 |
| Oahu | Waialae Nui Gulch | Diamond Head | HI544313 |
| Oahu | Paumalu Stream | Ehukai Beach Co. Park | HI531535 |
| Oahu | Kaloi Gulch | Ewa (Open Coastal) | HIW00189 |
| Oahu | Kaloi Gulch | Ewa Beach | HI767464 |
| Oahu | Kaloi Gulch | Ewa Beach Park | HI319095 |
| Oahu | Ala Wai Canal | Fort DeRussy Beach | HI045715 |
| Oahu | Maunawili Stream | Fort Hase Beach | HI410735 |
| Oahu | Ala Wai Canal | Gray's Beach | HI941499 |
| Oahu | Anahulu River | Haleiwa Beach Park | HI994019 |
| Oahu | Anahulu River | Hale'iwa Boat Harbor | HIW00127 |
| Oahu | Kuapa Pond | Halona Cove | HI132946 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Oahu | Honouliuli Stream | Hammer Point | HIW00188 |
| Oahu | Malaekahana Stream | Hanaka'ilio Beach | HI646411 |
| Oahu | Kuapa Pond | Hanauma Bay | HIW00058 |
| Oahu | Kuapa Pond | Hanauma Bay (Beach) | HIW00096 |
| Oahu | Kuapa Pond | Hanauma Bay (Oceanic) | HIW00017 |
| Oahu | Punaluu Stream | Hauula Beach Park | HI854492 |
| Oahu | Kuapa Pond | Hawaii Kai Station | HIW00117 |
| Oahu | Waimanalo Gulch | Hawaiian Electric Beach Park | HI628972 |
| Oahu | Heeia Stream-Kaneohe Stream | Heeia Kea Small Boat Harbor | HIW00097 |
| Oahu | Waolani Stream | Honolulu Harbor | HIW00100 |
| Oahu | Waolani Stream | Honolulu Harbor & Shore Area-Honolulu Waterfront-Aloha Tower | HIW00061 |
| Oahu | Ala Wai Canal | Honolulu Harbor & Shore Area-Kewalo Basin | HIW00051 |
| Oahu | Waolani Stream | Honolulu Harbor-near shore waters to 30' from 1 mile NW of Honolulu Harbor/Sand Island Channel to Waikiki Beach | HIW00049 |
| Oahu | Ala Wai Canal | Honolulu Harbor-near shore waters to 30' from 1 mile NW of Honolulu Harbor/Sand Island Channel to Waikiki Beach | HIW00049 |
| Oahu | Waimanalo Gulch | Ihilani Honu Lagoon | HI815093 |
| Oahu | Waimanalo Gulch | Ihilani Kohola Lagoon | HI515191 |
| Oahu | Waimanalo Gulch | Ihilani Naia Lagoon | HI685981 |
| Oahu | Waimanalo Gulch | Ihilani Ulua Lagoon | HI550240 |
| Oahu | Honouliuli Stream | Iroquois Point | HI412839 |
| Oahu | Kahana Stream | Kaaawa Beach Park | HI580360 |
| Oahu | Waialae Nui Gulch | Ka'alawai Beach | HI253930 |
| Oahu | Maunawili Stream | Kaelepulu Stream-Kailua Beach | HIW00182 |
| Oahu | Makua Stream | Ka'ena Point | HI645485 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Oahu | Waialae Nui Gulch | Kahala Beach Shoreline | HI514582 |
| Oahu | Waialae Nui Gulch | Kahala Hilton Beach | HI173325 |
| Oahu | Kahana Stream | Kahana Bay Park | HIW00102 |
| Oahu | Kahana Stream | Kahana Bay-near shore waters to 30' from Mahie Point to a point one mile north of Kahana Bay Station | HIW00062 |
| Oahu | Kahana Stream | Kahana Park | HIW00103 |
| Oahu | Ala Wai Canal | Kahanamoku Beach | HI366432 |
| Oahu | Ala Wai Canal | Kahanamoku Lagoon | HIW00003 |
| Oahu | Waimanalo Gulch | Kahe Pt. Beach Co. Park | HI548986 |
| Oahu | Malaekahana Stream | Kahuku Golf Course | HI989341 |
| Oahu | Helemano Stream | Kaiaka Bay | HIW00106 |
| Oahu | Malaekahana Stream | Kaihalulu Beach | HI668562 |
| Oahu | Maunawili Stream | Kailua Bay (Open Coastal) | HIW00194 |
| Oahu | Maunawili Stream | Kailua Beach Park | HI482719 |
| Oahu | Waimanalo Stream | Kaiona Beach | HI234342 |
| Oahu | Punaluu Stream | Kaipapa'u Beach | HI787959 |
| Oahu | Ala Wai Canal | Kakaako Waterfront | HI302297 |
| Oahu | Kahana Stream | Kalae oio Beach Park | HI860454 |
| Oahu | Maunawili Stream | Kalama Beach | HI071892 |
| Oahu | Kuapa Pond | Kaloko (Queens) Beach | HI353985 |
| Oahu | Waialae Nui Gulch | Kaluahole Beach | HI391176 |
| Oahu | Punaluu Stream | Kaluanui Beach | HI410842 |
| Oahu | Kahana Stream | Kanenelu Beach | HI196120 |
| Oahu | Heeia Stream-Kaneohe Stream | Kaneohe Bay (Beach Park) | HIW00004 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Oahu | Heeia Stream-Kaneohe Stream - ? | Kaneohe Bay (Central Region) | HIW00013 |
| Oahu | Waiahole Stream-Kahaluu Stream - ? | Kaneohe Bay (Central Region) | HIW00013 |
| Oahu | Heeia Stream-Kaneohe Stream | Kaneohe Bay (Kokokahi Pier) | HIW00005 |
| Oahu | Waiahole Stream-Kahaluu Stream | Kaneohe Bay (Northern Region) | HIW00012 |
| Oahu | Heeia Stream-Kaneohe Stream | Kaneohe Bay (Southern Region) | HIW00011 |
| Oahu | Heeia Stream-Kaneohe Stream | Kaneohe Bay at Kualoa | HI272280 |
| Oahu | Waiahole Stream-Kahaluu Stream | Kaneohe Bay at Kualoa | HI272280 |
| Oahu | Heeia Stream-Kaneohe Stream | Kaneohe Bay-near shore waters at mouths of Kaneohe and Kawa Streams | HIW00054 |
| Oahu | Waimea River | Kapaeloa Beach | HI904851 |
| Oahu | Ala Wai Canal | Kapi'olani Park | HI733929 |
| Oahu | Maunawili Stream | Kapoho Point | HIW00192 |
| Oahu | Paumalu Stream | Kaunala Beach | HI622160 |
| Oahu | Waimanalo Stream | Kaupo Beach Co. Park | HI791127 |
| Oahu | Waialae Nui Gulch | Kawaiku'i Beach Park | HI304424 |
| Oahu | Anahulu River | Kawailoa Beach | HI312049 |
| Oahu | Paumalu Stream | Kawela Bay | HI698581 |
| Oahu | Makaha Stream | Kea'au Beach Co. Park | HI730738 |
| Oahu | Makaleha Stream | Kealia Beach | HI612698 |
| Oahu | Moanalua Stream | Keehi Lagoon | HIW00009 |
| Oahu | Moanalua Stream | Keehi Lagoon (Point X) | HIW00010 |
| Oahu | Moanalua Stream | Keehi Lagoon waters and near shore waters to 30' from lagoon mouth to Pearl Harbor | HIW00055 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Oahu | Ala Wai Canal | Kewalo Basin | HIW00126 |
| Oahu | Waimanalo Gulch | Ko Olina | HIW00089 |
| Oahu | Kuapa Pond | Koke'e Beach Park | HI147970 |
| Oahu | Kuapa Pond | Koko Kai Beach Park | HI467112 |
| Oahu | Punaluu Stream | Kokololio Beach | HI767708 |
| Oahu | Kahana Stream | Kualoa Co. Regional Park | HI848207 |
| Oahu | Kahana Stream | Kualoa Sugar Mill Beach | HI484535 |
| Oahu | Ala Wai Canal | Kuhio Beach | HI681782 |
| Oahu | Ala Wai Canal | Kuhio Beach (Public Bath) | HI851298 |
| Oahu | Waialae Nui Gulch | Kuilei Cliffs | HI431723 |
| Oahu | Waialae Nui Gulch | Kuilei Cliffs Beach Park | HIW00064 |
| Oahu | Malaekahana Stream | Kuilima Cove | HI412224 |
| Oahu | Waialae Nui Gulch | Kuli'ou'ou | HI360513 |
| Oahu | Waiahole Stream-Kahaluu Stream | Laenani Beach Co. Park | HI930562 |
| Oahu | Malaekahana Stream | Laie Bay | HI472847 |
| Oahu | Anahulu River | Laniakea Beach | HI183312 |
| Oahu | Maunawili Stream | Lanikai Beach | HI596989 |
| Oahu | Maunawili Stream | Lanikai Boat Ramp | HIW00193 |
| Oahu | Malaekahana Stream | Laniloa Peninsula (Beach) | HI201901 |
| Oahu | Makaha Stream | Laukinui Beach | HI739818 |
| Oahu | Mailiili Stream | Lualualei Beach Co. Park | HI800877 |
| Oahu | Ala Wai Canal | Magic Island | HI529142 |
| Oahu | Mailiili Stream | Ma'ili Beach Park | HI627464 |
| Oahu | Mailiili Stream | Maipalaoa Beach | HI280966 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Oahu | Makaha Stream | Makaha Beach | HI632106 |
| Oahu | Punaluu Stream | Makao Beach | HI147212 |
| Oahu | Waimanalo Stream | Makapuu Beach | HI723399 |
| Oahu | Kahana Stream | Makaua Beach Co. Park | HI542752 |
| Oahu | Kahana Stream | Makaua Beach Co. Park | HIW00066 |
| Oahu | Makua Stream | Makua Beach | HI915061 |
| Oahu | Malaekahana Stream | Malaekahana State Park | HI137325 |
| Oahu | Halawa Stream-Waimalu Stream | Mamala Bay (Fort Kam Offshore) | HIW00190 |
| Oahu | Waolani Stream - ? | Mamala Bay (Oceanic) | HIW00015 |
| Oahu | Ala Wai Canal - ? | Mamala Bay (Oceanic) | HIW00015 |
| Oahu | Waolani Stream | Mamala Bay (Sand Island Offshore) | HIW00014 |
| Oahu | Waimanalo Gulch | Manner's Beach | HI717740 |
| Oahu | Makaha Stream | Mauna Lahilahi Beach | HI639551 |
| Oahu | Waialae Nui Gulch | Maunalua Bay | HIW00016 |
| Oahu | Kuapa Pond | Maunalua Bay | HIW00016 |
| Oahu | Kuapa Pond | Maunalua Beach Park | HI423413 |
| Oahu | Waimanalo Stream | Mikilua Beach Park | HIW00186 |
| Oahu | Makaleha Stream | Mokule'ia Beach | HI908786 |
| Oahu | Makaleha Stream | Mokule'ia Beach Co. Park | HI220308 |
| Oahu | Mailiili Stream | Nanaikapono Beach | HI504242 |
| Oahu | Nanakuli Stream | Nanakuli Beach Park | HI467413 |
| Oahu | Kaloi Gulch | Nimitz Beach | HI682233 |
| Oahu | Waialae Nui Gulch | Niu | HI157026 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Oahu | Maunawili Stream | North Beach | HI426406 |
| Oahu | Kaloi Gulch | Ocean Pointe C | HIW00132 |
| Oahu | Kaloi Gulch | Ocean Pointe Control | HIW00129 |
| Oahu | Kaloi Gulch | Ocean Pointe E | HIW00130 |
| Oahu | Kaloi Gulch | Ocean Pointe W | HIW00131 |
| Oahu | Makaha Stream | Ohikilolo Beach (Barking Sands) | HI731423 |
| Oahu | Maunawili Stream | Oneawa Beach | HI952205 |
| Oahu | Kaloi Gulch | Oneula Beach Park | HI825419 |
| Oahu | Ala Wai Canal | Outrigger Canoe Club Beach | HI943325 |
| Oahu | Paumalu Stream | Pahipahi'alua Beach | HI575467 |
| Oahu | Waialae Nui Gulch | Paiko Lagoon | HI598745 |
| Oahu | Waialae Nui Gulch | Paiko Peninsula to Koko Head | HIW00118 |
| Oahu | Kuapa Pond | Paiko Peninsula to Koko Head | HIW00118 |
| Oahu | Anahulu River | Papa'iloa Beach | HI478834 |
| Oahu | Makaha Stream | Papaoneone Beach | HI990625 |
| Oahu | Halawa Stream-Waimalu Stream | Pearl Harbor | HIW00006 |
| Oahu | Moanalua Stream | Pearl Harbor-Harbor waters and near shore waters to 30' from Keehi Lagoon to Oneula Beach | HIW00119 |
| Oahu | Halawa Stream-Waimalu Stream | Pearl Harbor-Harbor waters and near shore waters to 30' from Keehi Lagoon to Oneula Beach | HIW00119 |
| Oahu | Waikele Stream | Pearl Harbor-Harbor waters and near shore waters to 30' from Keehi Lagoon to Oneula Beach | HIW00119 |
| Oahu | Waikele Stream | Pearl Harbor-Harbor waters and near shore waters to 30' from Keehi Lagoon to Oneula Beach | HIW00119 |
| Oahu | Kaloi Gulch | Pearl Harbor-Harbor waters and near shore waters to 30' from Keehi Lagoon to Oneula Beach | HIW00119 |
| Oahu | Paumalu Stream | Pipeline, The | HI188157 |
| Oahu | Ala Wai Canal | Point Panic | HI197311 |
| Oahu | Kawiwi Stream | Pokai Bay | HIW00007 |
| Oahu | Kawiwi Stream | Pokai Bay (Oceanic) | HIW00019 |
| Oahu | Kawiwi Stream | Pokai Bay (Open Coastal) | HIW00018 |
| Oahu | Punaluu Stream | Pounders Beach | HI587568 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Oahu | Punaluu Stream | Punaluu Beach Park | HI148836 |
| Oahu | Paumalu Stream | Pupukea Beach Co. Park | HI193495 |
| Oahu | Makaleha Stream | Pu'uiki | HI437024 |
| Oahu | Mailiili Stream | Pu'uohulu Beach | HI960731 |
| Oahu | Ala Wai Canal | Queen's Surf Beach Park | HIW00069 |
| Oahu | Ala Wai Canal | Royal-Moana Beach | HI898947 |
| Oahu | Waolani Stream | Sand Island | HI714359 |
| Oahu | Waolani Stream | Sand Island Point #3 | HIW00181 |
| Oahu | Kuapa Pond | Sandy Beach | HI776760 |
| Oahu | Kuapa Pond | Sandy Beach (Open Coastal) | HIW00191 |
| Oahu | Ala Wai Canal | Sans Souci | HI617815 |
| Oahu | Paumalu Stream | Sunset Beach | HI860544 |
| Oahu | Kahana Stream | Swanzy Beach Co. Park | HI151343 |
| Oahu | Ala Wai Canal | Tongg's | HI248913 |
| Oahu | Paumalu Stream | Turtle Bay | HI776670 |
| Oahu | Mailiili Stream | Ulehawa Beach | HI784010 |
| Oahu | Waialae Nui Gulch | Wai'alae Beach Co. Park | HI997368 |
| Oahu | Paumalu Stream | Waiale'e | HI109657 |
| Oahu | Anahulu River | Waialua Bay | HI451176 |
| Oahu | Helemano Stream | Waialua/Kaiaka Bays near shore waters to 60’ from Puaena Point to a point 1.5 miles W of Kaiaka Point | HIW00083 |
| Oahu | Anahulu River | Waialua/Kaiaka Bays near shore waters to 60’ from Puaena Point to a point 1.5 miles W of Kaiaka Point | HIW00083 |
| Oahu | Kawiwi Stream | Waianae Boat Harbor | HIW00124 |
| Oahu | Kawiwi Stream | Wai'anae Regional Park | HI668527 |
| Oahu | Ala Wai Canal | Waikiki Beach Center | HI244505 |
| Oahu | Waialae Nui Gulch | Wailupe Beach Park | HI432476 |
| Oahu | Waimanalo Stream | Waimanalo Bay St. Rec. Area (Park) | HIW00008 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Oahu | Waimanalo Stream | Waimanalo Bay Station (Waimanalo Beach Co. Park North) | HIW00175 |
| Oahu | Waimanalo Stream | Waimanalo Beach Co. Park (South) | HIW00174 |
| Oahu | Waimea River | Waimea Bay | HIW00128 |
| Oahu | Ala Wai Canal | War Memorial Natatorium | HI624259 |
| Oahu | Kuapa Pond | Wawamalu Beach Park | HI329454 |
| Oahu | Kaloi Gulch | White Plains Beach | HI267023 |
| Oahu | Makua Stream | Yokohama Bay | HI269028 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Molokai | Waihaanau Stream | Awahua Beach | HI702920 |
| Molokai | Waialua Stream-Honokoi Gulch | Fagans Beach | HI571680 |
| Molokai | Halawa Stream | Halawa Beach Park | HI928793 |
| Molokai | Oneohilo Gulch | Hale O Lono Harbor | HIW00090 |
| Molokai | Oneohilo Gulch | Halena Beach | HI417163 |
| Molokai | Waialua Stream-Honokoi Gulch | Honouli Malo'o | HI783671 |
| Molokai | Waialua Stream-Honokoi Gulch | Honouli Wai | HI376731 |
| Molokai | Waihaanau Stream | Iliopi'i Beach | HI681345 |
| Molokai | Oneohilo Gulch | Kahalepohaku Beach | HI191374 |
| Molokai | Kawela Gulch | Kakahai'a Beach Park | HI939514 |
| Molokai | Kaunala Gulch | Kamaka'ipo Beach | HI923737 |
| Molokai | Oneohilo Gulch | Kanalukaha Beach | HI559049 |
| Molokai | Kaunala Gulch | Kapukahehu Beach | HI941577 |
| Molokai | Oneohilo Gulch | Kapukuwahine Beach | HI565164 |
| Molokai | Kaunakakai Gulch | Kaunakakai Boat Harbor | HIW00109 |
| Molokai | Kaunakakai Gulch | Kaunakakai Harbor | HIW00110 |
| Molokai | Kaunala Gulch | Kaunala Beach | HI726225 |
| Molokai | Kaunala Gulch | Kaupoa Beach | HI481092 |
| Molokai | Kakaauuku Gulch | Kawa'aloa Bay | HI384043 |
| Molokai | Kakaako Gulch | Kawakiunui | HI114962 |
| Molokai | Kakaako Gulch | Kepuhi Beach | HI287930 |
| Molokai | Kaunakakai Gulch | Kiowea Park (Kamehameha Coconut Grove) | HI206014 |
| Molokai | Oneohilo Gulch | Kolo Wharf | HI928768 |
| Molokai | Kaunala Gulch | Lighthouse Beach | HI934213 |
| Molokai | Kakaauuku Gulch | Mo'omomi Beach | HI204811 |
| Molokai | Waialua Stream-Honokoi Gulch | Murphy Beach Park | HI138494 |
| Molokai | Kaunakakai Gulch | Oneali'i Beach Park | HI904462 |
| Molokai | Waihaanau Stream | Papaloa Beach | HI301825 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Molokai | Kakaako Gulch | Papohaku Beach | HI556777 |
| Molokai | Waikolu Stream-Pelekunu Stream | Pelekunu | HI443237 |
| Molokai | Kakaako Gulch | Pohaku Mauliuli Beach | HI268134 |
| Molokai | Kakaako Gulch | Po'olau Beach | HI454004 |
| Molokai | Mapulehu Stream | Puko'o | HI665969 |
| Molokai | Waialua Stream-Honokoi Gulch | Sandy Beach | HI329518 |
| Molokai | Oneohilo Gulch | South Molokai Coast-near shore waters to 18' from SW point-Waialua | HIW00052 |
| Molokai | Wailau Stream | Wailau | HI603285 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Lanai | Awehi Gulch | Awehi | HIW00134 |
| Lanai | Maunalei Gulch | Halepalaoa Beach | HI297944 |
| Lanai | Awehi Gulch | Hulupoe Bay | HIW00177 |
| Lanai | Awehi Gulch | Kahemano Beach | HI801428 |
| Lanai | Manele Bay | Kaluakoi Point to Huawai Bay | HIW00135 |
| Lanai | Honopu Gulch | Kaumalapau Harbor | HIW00108 |
| Lanai | Manele Bay | Kaunolu Bay | HI923988 |
| Lanai | Awehi Gulch | Kawaiu Gulch-Makole Point | HIW00133 |
| Lanai | Maunalei Gulch | Keomuku Beach | HI854690 |
| Lanai | Ala Wai Canal | Lopa Beach | HI735036 |
| Lanai | | Mahanalua | HIW00136 |
| Lanai | Manele Bay | Manele Bay Beach | HIW00178 |
| Lanai | Manele Bay | Manele Boat Harbor | HIW00179 |
| Lanai | Awehi Gulch | Naha Beach | HI225961 |
| Lanai | Lapaiki Gulch | Polihua Beach | HI845453 |
| Lanai | Manele Bay | Puu Pehe Beach | HIW00180 |
| Lanai | Lapaiki Gulch | Shipwreck Beach | HI362906 |
| Lanai | Kahua Gulch | Shipwreck Beach | HI362906 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Maui | Ahihi Bay | Ahihi-Kina'u Natural Area Reserve | HIW00084 |
| Maui | La Perouse Bay | Ahihi-Kina'u Natural Area Reserve | HIW00084 |
| Maui | Honokowai Stream | Alaeloa Beach | HI616569 |
| Maui | Kauaula Stream | Awalua Beach | HI839739 |
| Maui | Maliko Gulch | Father Jules Papa | HI525524 |
| Maui | Honokohau Stream | Fleming Beach North | HI253548 |
| Maui | Kailua Gulch | H.A. Baldwin Beach Co. Park | HI846900 |
| Maui | Kulanihakoi Gulch | Hamoa | HI287670 |
| Maui | Kawaipapa Gulch | Hana Bay | HI996835 |
| Maui | Kahoma Stream | Hanaka'o'o Beach Co. Park | HI797917 |
| Maui | Kahoma Stream | Hanaka'o'o Station* | HIW00165 |
| Maui | Iao Stream | Hata's | HI553820 |
| Maui | Honokowai Stream | Honokeana Bay | HI229021 |
| Maui | Honokohau Stream | Honokohau Bay | HI432902 |
| Maui | Honokowai Stream | Honokowai Beach Co. Park | HI412391 |
| Maui | Honokowai Stream | Honokowai Point to Kaanapali | HIW00139 |
| Maui | Kahoma Stream | Honokowai Point to Kaanapali | HIW00139 |
| Maui | Honokohau Stream | Honolua Bay | HI280286 |
| Maui | Honomanu Stream | Honomanu Bay | HI985873 |
| Maui | Maliko Gulch | Ho'okipa Beach Co. Park | HIW00024 |
| Maui | Maliko Gulch | H-Poko Papa | HI901232 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Maui | Hawelewele Gulch | Huakini Bay | HI385800 |
| Maui | Kahoma Stream | Ka'anapali (Kahekili Beach) | HI643627 |
| Maui | Kahoma Stream | Ka'anapali (Sheraton Kaanapali Shoreline) | HIW00022 |
| Maui | Honokowai Stream | Kahana (Mahinahina Condo Shoreline) | HI160433 |
| Maui | Iao Stream | Kahului Bay | HIW00195 |
| Maui | Iao Stream | Kahului Harbor | HIW00104 |
| Maui | Iao Stream | Kahului Harbor (Bay) | HIW00105 |
| Maui | Iao Stream | Kahului Harbor- inshore of breakwater | HIW00053 |
| Maui | Kawaipapa Gulch | Kaihalulu Bay | HI432263 |
| Maui | Ukumehame Gulch | Ka'ili'ili Beach | HI641844 |
| Maui | Kulanihakoi Gulch | Kalama Beach Co. Park (Beach) | HIW00023 |
| Maui | Ahihi Bay | Kalama Beach Co. Park (Cove Park) | HI705118 |
| Maui | Kulanihakoi Gulch | Kalama Beach Station* | HIW00168 |
| Maui | Ahihi Bay | Kalama Beach Station* | HIW00168 |
| Maui | Kulanihakoi Gulch | Kalepolepo (Waimahaihai) | HIW00141 |
| Maui | Kulanihakoi Gulch | Kalepolepo Beach | HI647373 |
| Maui | Ahihi Bay | Kamaole Beach 1 | HI761092 |
| Maui | Ahihi Bay | Kamaole Beach 2 | HI097179 |
| Maui | Ahihi Bay | Kamaole Beach 3 | HI496115 |
| Maui | Iao Stream | Kanaha Beach | HI797225 |
| Maui | Kalialinui Gulch | Kanaha Beach (Kaa Shoreline) | HIW00020 |
| Maui | La Perouse Bay | Kanaio Beach | HI404881 |
| Maui | Honokowai Stream | Kapalua (Fleming's) Beach | HI391006 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Maui | Waikapu Stream | Kapoli Beach Co. Park | HI599968 |
| Maui | Heleleikeoha Stream | Kea'a Beach | HI593477 |
| Maui | Piinaau Stream - ? | Ke'anae | HI959746 |
| Maui | Honomanu Stream - ? | Ke'anae | HI959746 |
| Maui | Ahihi Bay | Keawakapu Beach | HI607763 |
| Maui | Honokowai Stream | Keonenui Beach | HI199865 |
| Maui | Kulanihakoi Gulch | Kihei Coast- near shore waters to 60' from Kihei North - Kalama Beach | HIW00056 |
| Maui | Ahihi Bay | Kihei Coast-Cove Park* | HIW00167 |
| Maui | Ahihi Bay | Kihei Coast-Estuary Boat Ramp | HIW00166 |
| Maui | Kulanihakoi Gulch | Kihei Coast-Kalepolepo | HIW00039 |
| Maui | Kulanihakoi Gulch | Kihei Coast-Kaonoulu Estuary | HIW00040 |
| Maui | Waikapu Stream | Kihei Coast-Kealia Pond | HIW00070 |
| Maui | Waiakoa Gulch | Kihei Coast-Kealia Pond | HIW00070 |
| Maui | Ahihi Bay | Kihei Coast-Keawakapu* | HIW00074 |
| Maui | Unknown ??? | Kihei Coast-Kulanihakoi | HIW00043 |
| Maui | Unknown ??? | Kihei Coast-Lipoa-South | HIW00072 |
| Maui | Kulanihakoi Gulch | Kihei Coast-Luana Kai | HIW00041 |
| Maui | Unknown ??? | Kihei Coast-Maui Coast | HIW00073 |
| Maui | Unknown ??? | Kihei Coast-Mokulele | HIW00042 |
| Maui | Unknown ??? | Kihei Coast-South Kam II | HIW00071 |
| Maui | Kawaipapa Gulch | Koki Beach Park (VFW) | HI650469 |
| Maui | Maliko Gulch | Ku'au Bay | HI276573 |
| Maui | Kuiaha Gulch | Kuiaha Bay | HI852861 |
| Maui | La Perouse Bay | La Perouse Bay | HI674004 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Maui | Kauaula Stream | Lahaina Beach | HI407363 |
| Maui | Kauaula Stream | Lahaina Harbor | HIW00137 |
| Maui | Kauaula Stream | Launiupoko St. Wayside Park | HI558359 |
| Maui | Kawaipapa Gulch | Leho'ula Beach | HI884223 |
| Maui | Kailua Gulch | Lower Pa'ia (Pa’ia Outfall Station) | HI864937 |
| Maui | Waikapu Stream | Ma'alaea Beach | HI058731 |
| Maui | Waikapu Stream | Ma'alaea Boat Harbor Station* | HIW00082 |
| Maui | Waikapu Stream | Ma'alaea Small Boat Harbor | HIW00140 |
| Maui | Waiakoa Gulch | Mai Poina Oe Iau Beach Co. Park | HIW00025 |
| Maui | Waiakoa Gulch | Mai Poina Oe Iau Beach Co. Park (Kihei N. Station) | HI715975 |
| Maui | Waiohonu Stream | Maka'alae Point | HI978171 |
| Maui | Ahihi Bay | Makena Landing Beach | HI245556 |
| Maui | Ahihi Bay | Makena Landing-Maluaka Beach | HIW00142 |
| Maui | Kahoma Stream | Mala Wharf | HIW00171 |
| Maui | Kahoma Stream | Mala Wharf Area | HIW00138 |
| Maui | Kahoma Stream | Mala Wharf-West Maui Coast | HIW00123 |
| Maui | Maliko Gulch | Maliko Bay | HI423064 |
| Maui | Ahihi Bay | Malu'aka Beach | HI847607 |
| Maui | Maliko Gulch | Mantokuji Bay | HI482300 |
| Maui | Waikapu Stream | McGregor Point | HI227321 |
| Maui | Ahihi Bay | Mokapu Beach Park | HI861961 |
| Maui | Palikea Stream | Mokulau | HI519980 |
| Maui | Honokohau Stream | Mokule'ia Beach | HI977299 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Maui | Hanawi Stream | Nahiku | HI983172 |
| Maui | Honokowai Stream | Napili Bay | HI764060 |
| Maui | Kaupo Gap | Nu'u Bay | HI176594 |
| Maui | Kauaula Stream | Olowalu (Shorefront) | HIW00021 |
| Maui | Ukumehame Gulch | Olowalu (Teen Challenge) | HI491359 |
| Maui | Honokohau Stream | Oneloa Bay Beach | HI740710 |
| Maui | Ahihi Bay | Oneloa Beach (Big Beach) (Makena Beach Station) | HI279887 |
| Maui | Ahihi Bay | Oneloa Beach (Big Beach)-Ahihi-Kinau | HIW00144 |
| Maui | Ahihi Bay | Oneuli Beach | HI756040 |
| Maui | Ahihi Bay | Palauea Beach Park | HI997014 |
| Maui | Ukumehame Gulch | Papalaua | HI462219 |
| Maui | Palikea Stream | Pepeiaolepo Bay | HI136430 |
| Maui | Ahihi Bay | Polo Beach Park | HI339656 |
| Maui | Ahihi Bay | Po'olenalena Beach | HI684864 |
| Maui | Ahihi Bay | Poolenalena-Makena Landing | HIW00143 |
| Maui | Kauaula Stream | Puamana Beach Co. Park | HI167153 |
| Maui | Honokohau Stream | Punalau | HI641109 |
| Maui | Ahihi Bay | Pu'u ola'i (Small Beach) | HI157533 |
| Maui | Kahoma Stream | Pu'unoa Beach | HI373055 |
| Maui | Kailua Gulch | Spreckelsville | HI789952 |
| Maui | Ukumehame Gulch | Ukumehame Beach Co. Park | HI814309 |
| Maui | Ahihi Bay | Ulua Beach Park | HI588333 |
| Maui | Kahoma Stream | Wahikuli State Wayside Park | HI169380 |
| Maui | Kawaipapa Gulch | Wai'anapanapa State Park | HI118874 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Maui | Iao Stream | Waiehu Beach Co. Park | HI916183 |
| Maui | Waihee River | Waihe'e | HI343702 |
| Maui | Kawaipapa Gulch | Waikoloa Beach | HI796679 |
| Maui | Ahihi Bay | Wailea Beach Park | HI278988 |
| Maui | Kulanihakoi Gulch | Waimaha'ihai Beach | HI236756 |
| Maui | Kulanihakoi Gulch | Waipulani | HI284036 |
| Maui | Honokowai Stream - ? | West Maui Coast-Hanakeana Cove | HIW00044 |
| Maui | Honokowai Stream | West Maui Coast-Kahana Cove | HIW00045 |
| Maui | Honokowai Stream | West Maui Coast-Kahana Sunset | HIW00075 |
| Maui | Honokowai Stream | West Maui Coast-Kahana Village | HIW00076 |
| Maui | Honokowai Stream | West Maui Coast-Kaopala Bay | HIW00046 |
| Maui | Honokowai Stream | West Maui Coast-Lokelani | HIW00077 |
| Maui | Honokowai Stream | West Maui Coast-Napili Bay | HIW00078 |
| Maui | Honokohau Stream | West Maui Coast-near shore waters to 60' from Honolua - Lahaina | HIW00060 |
| Maui | Honokowai Stream | West Maui Coast-near shore waters to 60' from Honolua - Lahaina | HIW00060 |
| Maui | Kahoma Stream | West Maui Coast-near shore waters to 60' from Honolua - Lahaina | HIW00060 |
| Maui | Kauaula Stream | West Maui Coast-near shore waters to 60' from Honolua - Lahaina | HIW00060 |
| Maui | Honokowai Stream | West Maui Coast-S-Turns (Pohaku) | HIW00047 |
| Maui | Honokowai Stream | West Maui-Honokowai Watershed | HIW00208 |
| Maui | Honokowai Stream | West Maui-Kahana Watershed | HIW00207 |
| Maui | Kauaula Stream | West Maui-Papakea | HIW00079 |
| Maui | Kauaula Stream | West Maui-Puamana | HIW00080 |
| Maui | Kahoma Stream | West Maui-Wahikuli Watershed | HIW00209 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Hawaii | Kaloko Fishpond | 2nd Beach (next to Mahaiula) | HI616452 |
| Hawaii | Anaehoomalu Bay | Anaeho'omalu Bay | HI326172 |
| Hawaii | Kaimu Beach | Analani Pond (Puala'a) | HI707059 |
| Hawaii | Keauhou Bay | Banyan's Surfing Area | HI713314 |
| Hawaii | Hakalau Stream | Hakalau Co. Park | HI138086 |
| Hawaii | Kahele | Halape Shelter | HI645539 |
| Hawaii | Hapuna Bay | Hapuna Beach St. Rec. Area | HI621002 |
| Hawaii | Waiakea Stream | Hilo Bay (Boat Landing) | HIW00027 |
| Hawaii | Waiakea Stream | Hilo Bay (Canoe Beach) | HI315019 |
| Hawaii | Waiakea Stream | Hilo Bay (Coconut Isle) | HI977673 |
| Hawaii | Waiakea Stream | Hilo Bay (Exit of Ice Pond) | HI659453 |
| Hawaii | Waiakea Stream | Hilo Bay (Lighthouse) | HIW00028 |
| Hawaii | Honolii Stream | Hilo Bay (Offshore) | HIW00031 |
| Hawaii | Wailuku River | Hilo Bay (Offshore) | HIW00031 |
| Hawaii | Waiakea Stream | Hilo Bay (Offshore) | HIW00031 |
| Hawaii | Honolii Stream | Hilo Bay- inshore of breakwater and near shore waters from Wainaku to Paukaa | HIW00098 |
| Hawaii | Pauoa Bay | Holoholokai | HI852331 |
| Hawaii | Kiilae Watercourse | Honaunau Bay | HIW00176 |
| Hawaii | Kiilae Watercourse | Honaunau Bay (2 Step) | HI246645 |
| Hawaii | Honokohau Bay | Honokohau Beach | HI315174 |
| Hawaii | Honokohau Bay | Honokohau Boat Harbor | HIW00099 |
| Hawaii | Honolii Stream | Honoli'i Beach Co. Park | HI857411 |
| Hawaii | Kauhako Bay | Ho'okena | HI152572 |
| Hawaii | Waiakea Stream | James Kealoha Park | HI670254 |
| Hawaii | Mahana Bay | Ka Lae (South Point) | HI107517 |
| Hawaii | Keauhou Bay | Kahalu'u Beach Co. Park | HI013290 |
| Hawaii | Opaeula Pond | Kahoiawa Bay | HIW00150 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Hawaii | Opaeula Pond | Kahoiawa Bay-Makalawena | HIW00151 |
| Hawaii | Kahuwai Bay | Kahuwai Bay | HI990843 |
| Hawaii | Kahuwai Bay | Kahuwai Bay-Mano Point | HIW00153 |
| Hawaii | Waiaha Stream | Kailua Bay | HI753566 |
| Hawaii | Opaeula Pond | Kakapa Bay | HIW00152 |
| Hawaii | Kaimu Beach | Kalapana Beach (new) (Harry K. Brown Beach Co. Park) | HI542822 |
| Hawaii | Waiulaula Gulch | Kaluhika'a Beach | HI327989 |
| Hawaii | Waiaha Stream | Kamakaokahonu | HIW00032 |
| Hawaii | Waiaha Stream | Kamakaokahonu (Kailua Pier A-1) | HI261474 |
| Hawaii | Keauhou Bay | Kamoa Point | HI602472 |
| Hawaii | Kaimu Beach | Kapoho Bay | HI391407 |
| Hawaii | Kaimu Beach | Kapoho Beach Lots | HIW00196 |
| Hawaii | Kaimu Beach | Kapoho Tidepools (Vacationland) | HI122881 |
| Hawaii | Manuka Bay | Kapu'a Bay | HIW00067 |
| Hawaii | Puakea Reservoir | Kauilii Point-Kapaa Beach Park | HIW00201 |
| Hawaii | Puakea Reservoir | Kauilii Point-Kapaa Beach Park (Oceanic) | HIW00202 |
| Hawaii | Hapuna Bay | Kauna'oa Beach | HI261869 |
| Hawaii | Opaeula Pond | Ka'upulehu | HI770607 |
| Hawaii | Honuapo Bay | Kawa Bay | HI535602 |
| Hawaii | Makeahua Gulch | Kawaihae Harbor | HI978783 |
| Hawaii | Makeahua Gulch | Kawaihae Harbor/Pelekane Bay | HIW00155 |
| Hawaii | Waiulaula Gulch | Kawaihae Harbor/Pelekane Bay | HIW00155 |
| Hawaii | Kaloko Fishpond | Keahole Point | HIW00203 |
| Hawaii | Kealakekua Bay | Kealakekua Bay | HIW00149 |
| Hawaii | Kealakekua Bay | Kealakekua Bay (off Curio Stand) | HIW00183 |
| Hawaii | Kiilae Watercourse | Kealia Beach | HI514168 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Hawaii | Keauhou Bay | Keauhou Bay (Kona) | HI713293 |
| Hawaii | Waiakea Stream | Keaukaha Beach Park | HI849313 |
| Hawaii | Keawaiki Bay | Keawaiki | HI929053 |
| Hawaii | Kealakekua Bay | Ke'ei | HI858729 |
| Hawaii | Kaimu Beach | Kehena | HI459942 |
| Hawaii | Kehena Ditch | Keokea Beach Co. Park | HI784200 |
| Hawaii | Kiilae Watercourse | Keone'ele Cove | HI559410 |
| Hawaii | Hakalau Stream | Kolekole Beach Co. Park | HI693485 |
| Hawaii | Opaeula Pond | Kuki'o Bay | HIW00154 |
| Hawaii | Hakalau Stream | Kulaimano | HIW00204 |
| Hawaii | Puakea Reservoir | Lapakahi St. Hist. Park | HI490010 |
| Hawaii | Pohakupuka Stream | Laupahoehoe Beach Co. Park | HI380623 |
| Hawaii | Waiakea Stream | Lehia Beach | HI691720 |
| Hawaii | Waiakea Stream | Leleiwi Beach Co. Park | HI540868 |
| Hawaii | Waiakea Stream | Leleiwi Beach Co. Park (Richardson Ocean Center) | HIW00030 |
| Hawaii | Opaeula Pond | Mahai'ula Bay | HI694255 |
| Hawaii | Puakea Reservoir | Mahukona Beach Co. Park | HI273526 |
| Hawaii | Puakea Reservoir | Mahukona Harbor | HIW00197 |
| Hawaii | Puakea Reservoir | Mahukona Harbor (Oceanic) | HIW00198 |
| Hawaii | Opaeula Pond | Makalawena | HI901744 |
| Hawaii | Puakea Reservoir | Makaohule Point-Kauilii Point | HIW00199 |
| Hawaii | Puakea Reservoir | Makaohule Point-Kauilii Point (Oceanic) | HIW00200 |
| Hawaii | Kaloko Fishpond | Makole'a Beach | HI223059 |
| Hawaii | Kealakekua Bay | Manini Point Co. Park | HI379764 |
| Hawaii | Opaeula Pond | Manini'owali | HI720408 |
| Hawaii | Pauoa Bay | Mauna Lani (Kalahuipua'a) | HI890924 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Hawaii | Waiulaula Gulch | Mau'umae Beach | HI120357 |
| Hawaii | Honomalino Bay | Miloli'i Beach | HI470112 |
| Hawaii | Ninole Gulch | Ninole | HI124561 |
| Hawaii | Hakalau Stream | Ohai'ula Beach | HI143737 |
| Hawaii | Honokohau Bay | Old Kona Airport St. Rec. Area | HI256093 |
| Hawaii | Waiakea Stream | Onekahakaha Beach Co. Park | HI862286 |
| Hawaii | Waiakea Stream | Onekahakaha Beach Co. Park (Puhi Bay #3) | HIW00029 |
| Hawaii | Keauhou Bay | Paaoao Point to Keawekaheka Point | HIW00145 |
| Hawaii | Keauhou Bay | Pahoehoe Beach Co. Park | HI935352 |
| Hawaii | Puumakaala | Papa'i (King's Landing) | HI112071 |
| Hawaii | Makeahua Gulch | Pelekane Bay | HI738158 |
| Hawaii | Kaloko Fishpond | Pine Trees | HI320616 |
| Hawaii | Kaloko Fishpond | Pine Trees-Honokohau | HIW00146 |
| Hawaii | Honokohau Bay | Pine Trees-Honokohau | HIW00146 |
| Hawaii | Kaimu Beach | Pohoiki Beach | HI316864 |
| Hawaii | Pololu Stream | Pololu Valley | HI183806 |
| Hawaii | Puako Bay | Puako | HI668132 |
| Hawaii | Puako Bay | Puako Bay | HIW00033 |
| Hawaii | Keawaiki Bay | Pueo Bay | HI930479 |
| Hawaii | Waiakea Stream | Puhi Bay | HIW00206 |
| Hawaii | Ninole Gulch | Punalu'u | HI224651 |
| Hawaii | Kiilae Watercourse | Pu'uhonua o Honaunau | HI478461 |
| Hawaii | Waiakea Stream | Radio Bay | HI425303 |
| Hawaii | Pohue Bay | Road to the Sea | HI849236 |
| Hawaii | Waiulaula Gulch | Spencer Beach Co. Park | HI936372 |
| Hawaii | Hapuna Bay | Waialea Bay | HI381812 |

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| Island | HUC 12 | Scope of Assessment | Geocode |
|---|---|---|---|
| Hawaii | Waiakea Stream | Wailoa River (Boat Ramp) | HIW00172 |
| Hawaii | Kapue Stream | Waipahi Point | HIW00205 |
| Hawaii | Waipio Stream | Waipi'o Bay | HI534434 |
| Hawaii | Waiulaula Gulch | Waiulaula | HI934020 |
| Hawaii | Anaehoomalu Bay | Waiulua Bay to Anaehoomalu Bay | HIW00148 |
| Hawaii | Keawaiki Bay | Waiulua Bay to Anaehoomalu Bay | HIW00148 |
| Hawaii | Kaloko Fishpond | Wawaloli Beach | HI643938 |
| Hawaii | Kaloko Fishpond | Wawaloli Beach-Pine Trees | HIW00147 |
| Hawaii | Keauhou Bay | White Sands Beach Co. Park (Magic Sands) | HI436267 |
| Hawaii | Honuapo Bay | Whittington Beach Co. Park | HI720900 |

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# APPENDIX B

## Data Sources

### City and County of Honolulu (CCH)

The CCH collects receiving water quality data from shoreline, near shore, and offshore locations as part of their permit requirements for wastewater treatment plants (WWTP). The WWTPs are located in Waianae, Honouliuli, Sand Island, and Kailua (Mokapu).

### Clean Water Branch (CWB)

The CWB regularly collects shoreline bacterial, nutrient and biogeochemical samples as part of EPA's BEACH program. Other funding sources will have to be identified in the future, as the BEACH funding is slated to be discontinued in FY2015. The monitoring and analysis program QA/QC is governed by the HIDOH CWB Beach Monitoring and Coastal Chemistry Monitoring QAPP.

### Discharge Monitoring Report (DMR)

NPDES permitted facilities throughout the state (e.g. Sunrise Capital, Port Allen Generating Station, Chevron Hawaii Refinery, East Honolulu WWTP, Fort Kamehameha WWTP and Hilo WWTP) are required to monitor and submit receiving water quality data via DMRs. Water quality data from control stations in receiving water bodies were assessed for the 2014 IR. DMRs help provide additional water quality information to the monitoring and analysis program to ensure that Hawaii's water resources are protected and restored.

### Environmental Assessment Company (EAC)

EAC is a private research company headed by Richard Brock, PhD. An extensive dataset was provided by Dr. Brock for the south-southeastern coast of Lanai, and the western Kona coast of Hawaii. All data followed a prepared methodology and complied with the West Hawaii Coastal Monitoring Program Monitoring Protocol Guidelines (1992). Laboratory analysis followed Standard Methods (1999).

### Marine Research Consultants (MRC)

MRC is a private research company headed by Steve Dollar, PhD. The ongoing research was prepared for Haseko (Ewa), Inc. and Makena Resort Corporation to characterize coastal water quality (according to HAR §11-54-6), for Ocean Pointe (formerly the Ewa Marina) on Oahu and Makena Resort on Maui. An extensive dataset was provided, following prepared sampling methodology and documented analysis methodology (Strickland and Parsons 1968, Grasshoff 1983), and utilizing EPA rated laboratories (Marine Analytical Specialists).

### Natural Energy Laboratory of Hawaii Authority (NELHA)

NELHA is a state funded facility that provides the CWB with water quality data via their Annual Comprehensive Environmental Monitoring Report. The monitoring efforts fulfill regulatory requirements to ensure the protection of Keahole Point's environmental resources. NEHLA has implemented the standard sampling procedure and analytical protocol of the August 31, 2004, HAR Ch. 11-54 for its quarterly ocean transect sampling program. The NELHA Water Quality Laboratory follows Standard Methods for the Examination of Water and Wastewater 20th Edition (Clesceri et al 1998) and EPA test methods for its analytical procedures.

### The Surfrider Foundation

The Surfrider Foundation, Kauai Chapter collected samples at several of the northern Kauai stations as part of a cooperative agreement with the HIDOH CWB. Data were collected in compliance with the CWB Beach Monitoring QAPP.

## REFERENCES

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Strickland J. D. H. and T. R. Parsons. 1968. A practical handbook of sea water analysis. Fisheries Research Board of Canada, Bull. 167. 311 pp.

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# APPENDIX C

**Table 10.** 2014 newly listed impaired (303(d)) marine waters.

| Island | Scope of Assessment | Geocode ID | Enterococci | Total N | $NO_3 + NO_2$ | Total P | Turbidity | Chl-*a* | $NH_4$ | Other Pollutants |
|---|---|---|---|---|---|---|---|---|---|---|
| Kauai | Anahola Beach | HI823433 | A | ? | ? | ? | ***N*** | ? | ? | |
| Kauai | Beach House Beach | HI156238 | A | ? | ? | ? | ***N*** | ? | ? | |
| Kauai | Brennecke Beach | HI166521 | A | ? | ? | ? | ***N*** | ? | ? | |
| Kauai | Kapa'a Beach Co. Park | HI972832 | A | ? | ? | ? | ***N*** | ? | ? | |
| Kauai | Kee Beach | HI124511 | A | ? | ? | ? | ***N*** | ? | ? | |
| Kauai | Kekaha Beach Co. Park | HI530569 | A | ? | ? | ? | ***N*** | ? | ? | |
| Kauai | Lydgate Park | HI798758 | A | ? | ? | ? | ***N*** | ? | ? | |
| Kauai | Nukolii Beach Park | HI502794 | A | ? | ? | ? | ***N*** | ? | ? | |
| Kauai | Pacific Missile Range Facility/Barking Sands | HI176480 | A | ***A*** | ***A*** | ***A*** | ***N*** | ***A*** | ***A*** | |
| Kauai | Po'ipu Beach Co. Park | HI396850 | A | ? | ? | ? | ***N*** | ? | ? | |
| Kauai | Polihale State Park | HI247403 | A | ? | ? | ? | ***N*** | ? | ? | |
| Kauai | Sheraton Beach | HI542569 | A | ? | ? | ? | ***N*** | ? | ? | |
| Kauai | Wailua (Wailua River Station) | HI606168 | A | ? | ? | ? | ***N*** | ? | ? | |
| Oahu | Campbell Industrial | HIW00187 | ? | A | A | A | ***N*** | A | A | |
| Oahu | Chun's Reef | HI950962 | A | ? | ? | ? | ***N*** | ? | ? | |
| Oahu | Magic Island | HI529142 | A | ? | ? | ? | ***N*** | ? | ? | |
| Oahu | Makapuu Beach | HI723399 | A | ? | ? | ? | ***N*** | ? | ? | |
| Oahu | Malaekahana State Park | HI137325 | A | ? | ? | ? | ***N*** | ? | ? | |
| Oahu | ***Ocean Pointe KA*** | ***HIW00210*** | ***?*** | ***A*** | ***A*** | ***A*** | ***N*** | ***N*** | ***A*** | |

Prior assessments confimed with new data are shaded; ***category changes are bold, italicized, underlined & shaded.***

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| Island | Scope of Assessment | Geocode ID | Enterococci | Total N | $NO_3 + NO_2$ | Total P | Turbidity | Chl-*a* | $NH_4$ | Other Pollutants |
|---|---|---|---|---|---|---|---|---|---|---|
| Oahu | ***Ocean Pointe PR*** | ***HIW00211*** | ***?*** | ***A*** | ***A*** | ***A*** | ***N*** | ***A*** | ***A*** | |
| Oahu | Waimea Bay | HIW00128 | A | ? | ? | ? | ***N*** | ? | ? | |
| Oahu | White Plains Beach | HI267023 | A | ? | ? | ? | ***N*** | ? | ? | |
| Maui | Waiehu Beach Co. Park | HI916183 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | 2nd Beach (next to Mahaiula) | HI616452 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Anaeho'omalu Bay | HI326172 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Analani Pond (Puala'a) | HI707059 | ***N*** | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Hilo Bay (Coconut Isle) | HI977673 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Holoholokai | HI852331 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Honaunau Bay (2 Step) | HI246645 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Ho'okena | HI152572 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Kahalu'u Beach Co. Park | HI013290 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Kailua Bay | HI753566 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Kamakaokahonu | HIW00032 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Kauna'oa Beach | HI261869 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Kawaihae Harbor | HI978783 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Keauhou Bay (Kona) | HI713293 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Mauna Lani (Kalahuipua'a) | HI890924 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Miloli'i Beach | HI470112 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Onekahakaha Beach Co. Park | HI862286 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Pohoiki Beach | HI316864 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Puako | HI668132 | A | ? | ? | ? | ***N*** | ? | ? | |
| Hawaii | Puhi Bay | HIW00206 | ***A*** | A | ***N*** | A | A | A | A | |
| Hawaii | Wawaloli Beach | HI643938 | A | ? | ? | ? | ***N*** | ? | ? | |

Prior assessments confimed with new data are shaded; ***category changes are bold, italicized, underlined & shaded.***

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